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Department of Human Services

VITAL STATISTICS SUMMARY

1977

Marion Barry, Jr. Mayor

Government of the District of Columbia

The Department of Human Services does not discriminate on the basis of race, color, national origin, or handicap

Vital Statistics Summary
1977

A Report of the Department of Human Services

James A. Buford
Director

Office of Policy and Planning
Barbara Sabol, Chief

SYMBOLS USED IN TABLES

Data not Available	---
Not Applicable	...
Rate not Computed Because of Small Frequency	..
Quantity Zero in Frequency Tables	—
Denominator Zero in Rate or Percent Tables	—
Numerator Zero in Rate or Percent Tables	0

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VITAL STATISTICS SUMMARY

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INTRODUCTION

This is a report on vital events (live births, deaths and fetal deaths) for the District of Columbia in calendar year 1977. Although data are included on events occurring within the District to non residents, primary emphasis is on events occurring to District of Columbia residents. The report was prepared by Warren W. Morse with the assistance of Mary E. Byrnes, under the direction of Grover H. Chamberlain, Acting Chief, Research and Statistics Division, Office of Policy and Planning, Department of Human Services. Tables and Text were verified by Ms. Josie Dyson.

SOURCE OF DATA. Vital statistics are derived entirely from live birth, death and fetal death certificates. All live births and deaths occurring within the District of Columbia are registered with the Vital Records Section, Research and Statistics Division, Department of Human Services, as are known fetal deaths of 20 weeks or more gestation. Vital events occurring to District residents in other States are registered in those States, and copies are sent to the Vital Records Section through a nationwide interchange system.

Vital statistics shown for 1954-1977 have been tabulated by this Division. Statistics for events occurring prior to 1954 were obtained from the National Center for Health Statistics.

The statistics for 1977 cover all 1977 events for which certificates were filed or transcripts received from other States before May 15, 1978. The number of certificates excluded for 1977 or any other year because of late filing is considered negligible for statistical purposes.

REGISTRATION COMPLETENESS. The registration of live births and of deaths in the District of Columbia is considered to be virtually complete. The degree of registration completeness for fetal deaths is not known. D.C. law requires registration only for 20 weeks or over gestation and since the gestation period cannot always be calculated exactly some reportable fetal deaths are probably not registered. It is also possible that some of those which are registered are actually of less than 20 weeks gestation.

CALCULATION OF RATES. Death, birth and fertility rates are based on enumerated population as of April 1 for census years, and on estimated population as of July 1 for all other years. These rates are expressed per 1,000 population except for death rates by cause of death, which are per 100,000 population. Rates are per 1,000 live births for infant deaths, per 10,000 live births for maternal deaths, and per 1,000 deliveries (live births plus fetal deaths) for fetal deaths and perinatal deaths. Comparability of trend data for birth and death rates is limited by the difficulties in preparing reliable estimates of population for intercensal years.

AVAILABILITY OF ADDITIONAL DATA. More detailed information on vital events for 1977 or prior years is available on request from the Chief, Research and Statistics Division, Department of Human Services, 614 H Street, N.W., Washington, D.C. 20001.

DEFINITIONS. Terms used in this report are defined as follows:
Residence is defined as that of the deceased for a death and as that of the mother for a birth or fetal death. Deaths and births in institutions located in the District are allocated to the place of previous residence regardless of length of stay in the institution. All tables refer to resident events except as noted. Most tables refer to resident events which include birth and death certificates received for residents of the city irrespective of where the event occurred. The tables referring to recorded events include births and deaths which occurred in the District of Columbia irrespective of the place of residence given on the certificates.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such explusion or extraction, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

An immature birth is one for which the birth weight is 2,500 grams or less (5 pounds, 8 ounces or less), regardless of the period of gestation.

A premature birth is one which occurred prior to 37 weeks gestation.

An out-of-wedlock birth is one which occurred to a mother who was separated from spouse or not married at the time of birth and had not been living with spouse or married any time during the preceding 10 months.

A fetal death is defined as death, prior to the complete expulsion or extraction from its mother, of a product of human conception of 20 weeks or more duration of pregnancy; the death is indicated by the fact that after such explusion or extraction the fetus never breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movements of voluntary muscles.

An infant death is the death of a child under one year of age.

A neonatal death is the death of a child under 28 days of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury[1]. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the Research and Statistics Division to assign the proper code number so that deaths may be classified by cause. Starting with the 1968 report, causes of death are coded under the provisions of the "Eighth Revision International Classification of Diseases, adapted for use in the United States" (ICDA).

Leading Causes of Death

Cause-of-death ranking is based on the list of 69 Selected Causes of death, adapted from one of the special lists for mortality tabulations recommended by the World Health Organization for use with the Eighth Revision of the International Classification of Diseases. Two group titles - Major cardiovascular diseases and Symptoms and ill-defined conditions - are not ranked. In addition, category titles that begin with words "Other" or "All other" are not ranked. The remaining titles are ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (e.g., Tuberculosis, all forms), its component parts (in this case of Tuberculosis of respiratory system and Tuberculosis, other forms) are not ranked.

Race: When the word "Black" is used in this report, either in tables or text, it means "Black and other non-white races". In 1970 approximately one percent of the total population was neither black nor white.

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[1] Manual of the International Statistical Classification of Disease, Injuries, and Cause of Death, Seventh Revision, 1955, Volume 1, page 357.

Rates used in this report are defined as outlined below:

Birth rate	$\frac{\text{Number of live births}}{\text{Estimated midyear population}}$	X 1,000
Out-of-wedlock ratio	$\frac{\text{Number of out-of-wedlock births}}{\text{Number of live births}}$	X 1,000
Age-specific rate	$\frac{\text{Number of live births to women in specific age group}}{\text{Estimated midyear female population in that age group}}$	X 1,000
Fertility rate	$\frac{\text{Number of live births}}{\text{Estimated midyear female population 15-44 years old}}$	X 1,000
Death rate	$\frac{\text{Number of deaths}}{\text{Estimated midyear population}}$	X 1,000 (or 100,000) as specified
Age-specific death rate	$\frac{\text{Number of deaths in specific age group}}{\text{Estimated midyear population in that age group}}$	X 100,000
Infant death rate	$\frac{\text{Number of deaths under one year of age}}{\text{Total number of live births}}$	X 1,000
Neonatal death rate	$\frac{\text{Number of deaths under 28 days of age}}{\text{Total number of live births}}$	X 1,000
Fetal death ratio	$\frac{\text{Number of fetal deaths (gestation 20 week or over)}}{\text{Total number of live births}}$	X 1,000
Maternal death rate	$\frac{\text{Number of deaths due to Complication of Pregnancy, Childbirth, and Puerperium}}{\text{Total number of live births}}$	X 10,000

Age-adjusted death rates - The direct method of age adjustment has been used with the 1940 U.S. enumerated population as the standard. Age-adjusted rates facilitate the comparison of rates among different population groups and at different times by removing the effect of differences in age composition. Therefore, it is important to realize that the rates are largely dependent upon the choice of the standard population and must only be used in comparison to rates using the same standard. These rates should not be quoted out of context and should be used for comparative purposes only in relation to other age adjusted rates computed with the same standard.

Ward - In 1976 the eight election wards become the major geographic subdivisions of the city. Figure 1 shows the boundaries of the eight wards.

Table and Chart Identification - Text tables are identified by letters of the alphabet; charts are Figures 1, 2, etc.; and reference tables are identified by number.

POPULATION

The estimated population for 1977, by age, race and sex, is shown in Table 1.

VITAL STATISTICS SUMMARY, 1977

In 1977 there were 9,885 live births to District residents, and 7,064 deaths. This was the first year since 1970 for births to increase over the figure for the previous year - they had declined each year from 14,960 in 1970 to 9,635 in 1976. Deaths continued a decline which began in 1970. It can be seen from Table A that although from 1976 to 1977 the birth rate rose the death rate remained the same, in spite of the drop in number of deaths. This refelcts the decline in the estimated total population. The population and the number of deaths both dropped by 2.4 percent, while the number of births increased by 2.6 percent.

The number of infant deaths rose over 1976, while the number of fetal deaths dropped. There was a 9.6 percent increase in the infant death rate compared with a 9.9 percent drop in the fetal death rate. The infant death rate is expressed per 1,000 live births and the fetal death rate is per 1,000 deliveries - live births plus fetal deaths. When infant deaths and fetal deaths are combined the rates per 1,000 deliveries were 43.3 in 1975, 41.3 in 1976 and 42.3 in 1977. In other words, during these three years the probability of an undesirable outcome of a pregnancy carried at least 20 weeks did not change materially. The same, of course, is true of the chance of having a satisfactory outcome.

In 1970 there were 11 maternal deaths for a rate of 7.4 per 10,000 live births. Each year since then there have been 4 or fewer maternal deaths, and the year-to-year changes in this number have no trend significance. The goal in maternal mortality is zero deaths, and it is believed that with adequate prenatal care this goal could be attained.

Summary data are shown in Table A for three high-risk birth characteristics, the percent of births out-of wedlock, with birthweights of 2,500 grams or less and with mothers under 20 years old. The percent of births out-of-wedlock has increased each year since 1970. From 1970 to 1975 the number of births out-of-wedlock dropped each year, but births in wedlock dropped even more, hence the increased percentages of births out-of-wedlock. In 1976 the number of out-of-wedlock births went up slightly, while those in wedlock continued to decline. In 1977 there was an increase in both out-of-wedlock and in-wedlock babies.

The percent of babies who are born immature - i.e. weighing 2,500 grams or less - has been, on the average, slightly higher in the four years 1974-1977 than in 1970-1973.

Through 1973 there had been a steady increase in the proportion of births with teenage mothers, reaching a high of 28.5 percent in 1972. The drop from 27.0 percent in 1975 to 22.8 percent in 1977 seems to represent a definite downward trend.

Deaths and death rates for the ten leading causes of death are shown for the years 1975-1977 in Table B. Diseases of heart and malignant neoplasms accounted for 53.8 percent of all deaths in 1977, up from 50.3 percent in 1975. This reflects a long-range trend, since 10 years earlier, in 1968, these two cause groups accounted for 48.2 percent of all deaths. It can be seen that for both diseases the death rates have increased in the past 3 years. Also, increases over time in the crude death rates for specific causes of death show that larger proportions of the population are dying from these two diseases, but this may be because of changes in the age distribution, for example, rather than a true increase in incidence or fatality of these diseases. Both heart disease and cancer are primarily diseases of aging and it is expected that death rates for them will increase as a population becomes older.

The effect of changes in age distribution is neutralized by computing age-adjusted rates. For 1977, the age-adjusted rates for the 20 leading causes are shown in Table . For diseases of heart and cancer these rates in 1977 were 233.3 and 181.8 respectively, per 100,000 population, compared with 307.4 and 168.0 in 1970. In other words, when changes in the population's age distribution are taken into account there has been a decrease in mortality from heart diseases and an increase for cancer.

In Table C, age-adjusted death rates for the four leading cause of death in 1977 are shown by race and sex for 1970 and 1977. There have been decreases in the age adjusted death rates for all causes, the percentage declines being 10.0 for black males, 16.4 for black females, 25.6 for white females and 26.7 for white males. Similarly, age-adjusted mortality from heart disease has declined for all four sex-race groups, ranging from a drop of 16.0 percent for black males to 34.3 percent for white males. On the other hand, cancer mortality has increased for all groups except white females, and the increase was most marked for black males - 19.4 percent.

The rate for cerebrovascular diseases rose slightly for black males, but dropped substantially for each of the other three groups. Mortality from cirrhosis of liver rose 21.6 percent for black males, to become the third leading cause, compared with an increase of 5.8 percent for black females and decreases of 42.4 percent for white males and 55.5 percent for white females.

TABLE A.--NUMBERS AND RATES FOR SELECTED VITAL STATISTICS: DISTRICT OF COLUMBIA RESIDENTS, 1975-1977

Year	Births		Deaths		Infant Deaths		Fetal Deaths		Maternal deaths		Percent of Live Births		
	Number	Rate[1]	Number	Rate[1]	Number	Rate[2]	Number	Rate[3]	Number	Rate[4]	Out of wedlock	2,500 grams or less	With mothers under 20 years old
1977...	9,885	14.3	7,064	10.2	270	27.3	155	15.4	3	3.0	53.0	13.5	22.8
1976...	9,635	13.6	7,238	10.2	240	24.9	165	17.1	2	2.1	52.6	12.6	24.4
1975...	9,746	13.5	7,446	10.3	279	28.6	149	15.3	4	4.1	51.2	13.7	27.0

[1] Per 1,000 estimated mid-year population

[2] Per 1,000 live births

[3] Per 1,000 deliveries-live births plus fetal deaths of at least 20 weeks gestation

[4] Per 10,000 live births

TABLE B.--DEATHS AND DEATH RATES FROM TEN LEADING CAUSES OF DEATH: DISTRICT OF COLUMBIA, 1975-1977

(Resident deaths only. Rates per 100,000 estimated population as of July 1, specified years)

Cause of Death (in 1977 rank order)	1977		1976		1975	
	Number	Rate	Number	Rate	Number	Rate
All Causes......	7,064	1021.5	7,238	1022.5	7,446	1031.6
Diseases of heart...	2,194	317.3	2,245	317.1	2,162	299.5
Malignant neoplasms.	1,603	231.8	1,582	223.5	1,587	219.9
Cerebrovascular disease............	553	80.0	550	77.7	558	77.3
Cirrhosis of liver..	329	47.6	364	51.4	414	57.4
Accidents...........	254	36.7	262	37.0	295	40.9
Influenza and pneumonia.........	213	30.8	240	33.9	242	33.5
Homicide............	188	27.2	201	28.4	246	34.1
Certain causes of mortality in early infancy............	177	25.6	171	24.2	181	25.1
Arteriosclerosis...	166	24.0	187	26.4	192	26.6
Diabetes mellitus...	126	18.2	159	22.5	167	23.1
All other..........	1,261	182.4	1,277	180.4	1,402	194.2

For both the United States total figures, computed by the National Center for Health Statistics, and the District figures, age-adjusted death rates are based on the enumerated 1940 population, and are thus comparable. These are as follows for 1977 for all causes, and for the District's 4 leading causes:

	U.S.	D.C.
All causes	612.3	817.7
Diseases of heart	210.4	233.3
Malignant neoplasms	133.0	181.8
Cerebrovascular disease	48.2	58.8
Cirrhosis of liver	13.1	46.9

Differences in the force of mortality between population groups, or between the District and the nation are difficult to assess, but the magnitude of the differences in age-adjusted death rates of the District's four race/sex groups suggests an excess of preventable mortality among black males.

Age-adjusted death rates by race and sex for the United States and the District of Columbia in 1977 are shown in Table D.

TABLE C.--AGE-ADJUSTED DEATH RATES BY CAUSE OF DEATH, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1970 and 1977

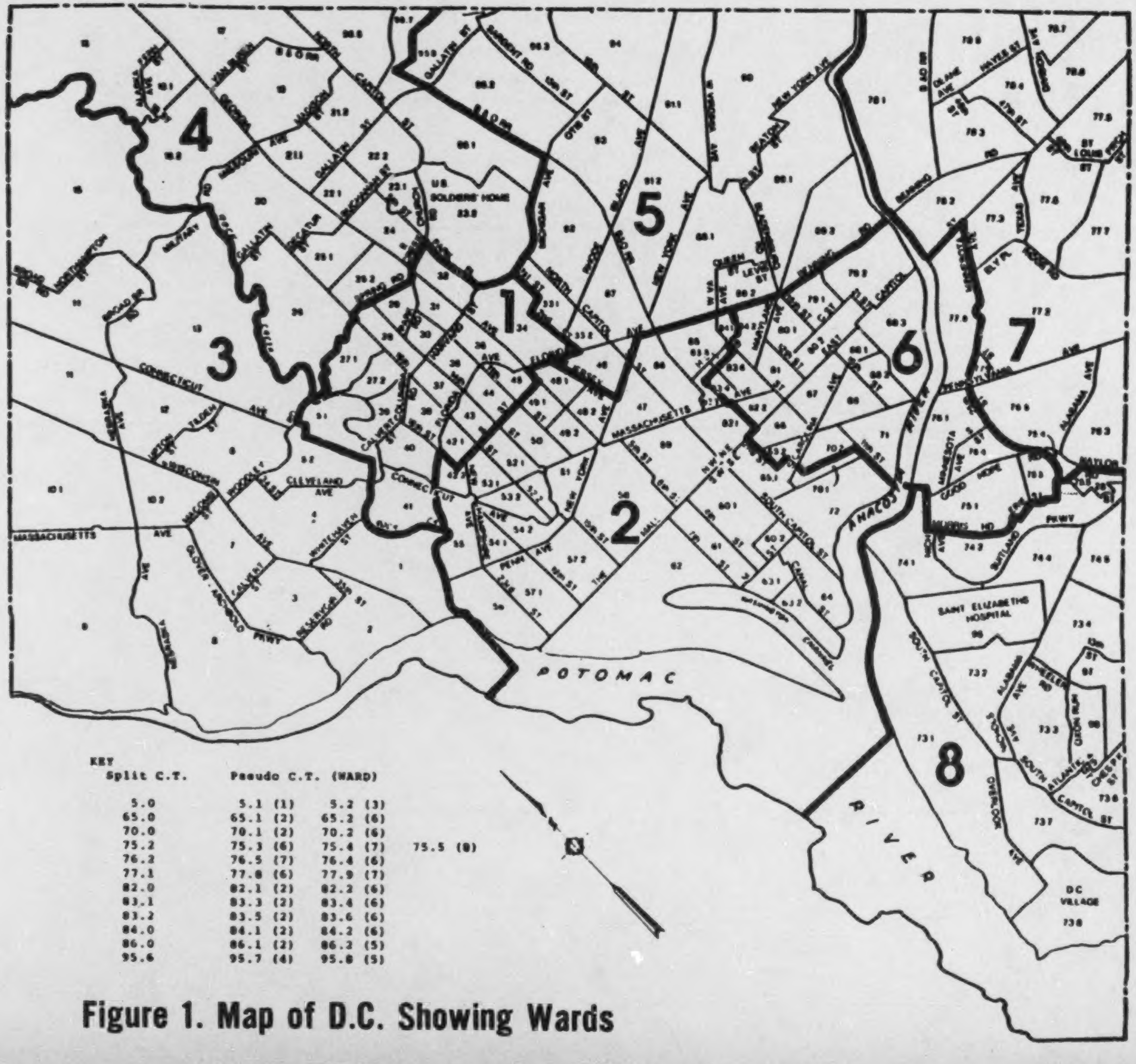
(Resident data. Rates per 100,000 population enumerated April 1, 1970
and estimated July 1, 1977)

Cause of death	Black Male		Black Female		White Male		White Female	
	1977	1970	1977	1970	1977	1970	1977	1970
All causes......	1,256.6	1,395.9	712.1	852.0	762.8	1,040.5	474.5	637.8
Diseases of heart....	327.0	389.3	214.5	266.5	263.7	401.3	137.1	198.0
Malignant neoplasms..	305.2	255.7	157.0	146.1	169.2	157.9	97.2	123.0
Cerebrovascular disease.............	75.4	74.4	58.2	78.6	40.3	52.4	47.2	61.8
Cirrhosis of liver...	83.9	69.0	38.5	36.4	30.3	52.6	12.5	28.1

TABLE D.--AGE-ADJUSTED DEATH RATES, BY RACE AND SEX: UNITED STATES AND THE DISTRICT OF COLUMBIA, 1977

Race and Sex	U.S.	D.C.
Total	6.1	8.2
Male	8.1	11.0
Female	4.5	6.1
Black	8.1	9.5
Male	10.5	12.6
Female	8.2	7.1
White	5.9	5.9
Male	7.8	7.6
Female	4.3	4.7

Rates per 1,000 population


4
3
1
5
2
6
7
8
POTOMAC
ANACOSTIA
RIVER
U.S. SOLDIERS' HOME
SAINT ELIZABETHS HOSPITAL
DC VILLAGE
CONNECTICUT AVE
MASSACHUSETTS AVE
WISCONSIN AVE
NEW YORK AVE
PENNSYLVANIA AVE
FLORIDA AVE
NORTH CAPITOL ST
SOUTH CAPITOL ST
BENNING RD
ALABAMA AVE

KEY

Split C.T.	Pseudo C.T. (WARD)		
5.0	5.1 (1)	5.2 (3)	
65.0	65.1 (2)	65.2 (6)	
70.0	70.1 (2)	70.2 (6)	
75.2	75.3 (6)	75.4 (7)	75.5 (8)
76.2	76.5 (7)	76.4 (6)	
77.1	77.8 (6)	77.9 (7)	
82.0	82.1 (2)	82.2 (6)	
83.1	83.3 (2)	83.4 (6)	
83.2	83.5 (2)	83.6 (6)	
84.0	84.1 (2)	84.2 (6)	
86.0	86.1 (2)	86.2 (5)	
95.6	95.7 (4)	95.8 (5)	

Figure 1. Map of D.C. Showing Wards

Figure 2. Live Births and Deaths: District of Columbia Residents, 1968 - 1977

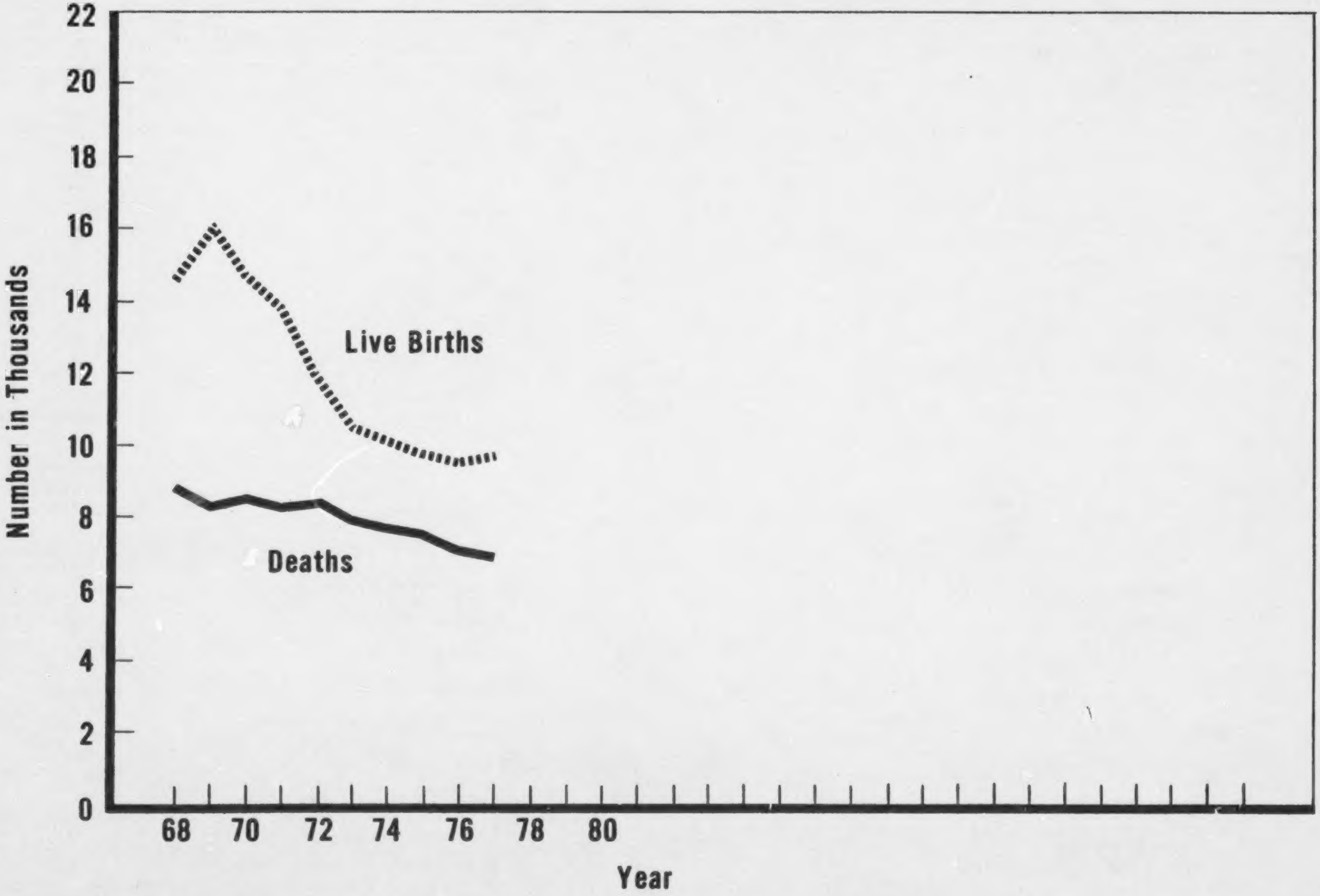


Figure 3. Leading Causes of Death: District of Columbia, 1950, 1960, 1970 and 1977

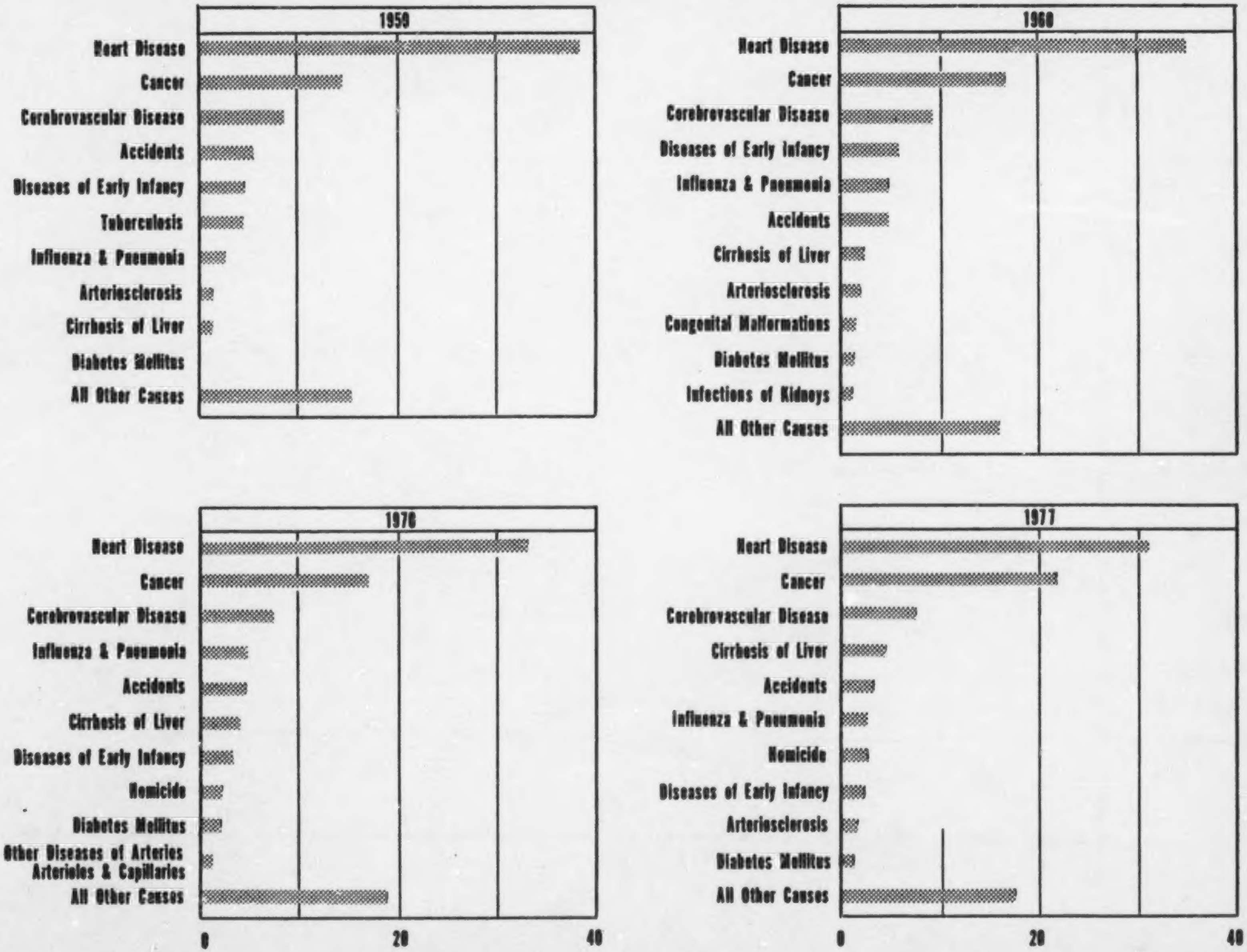
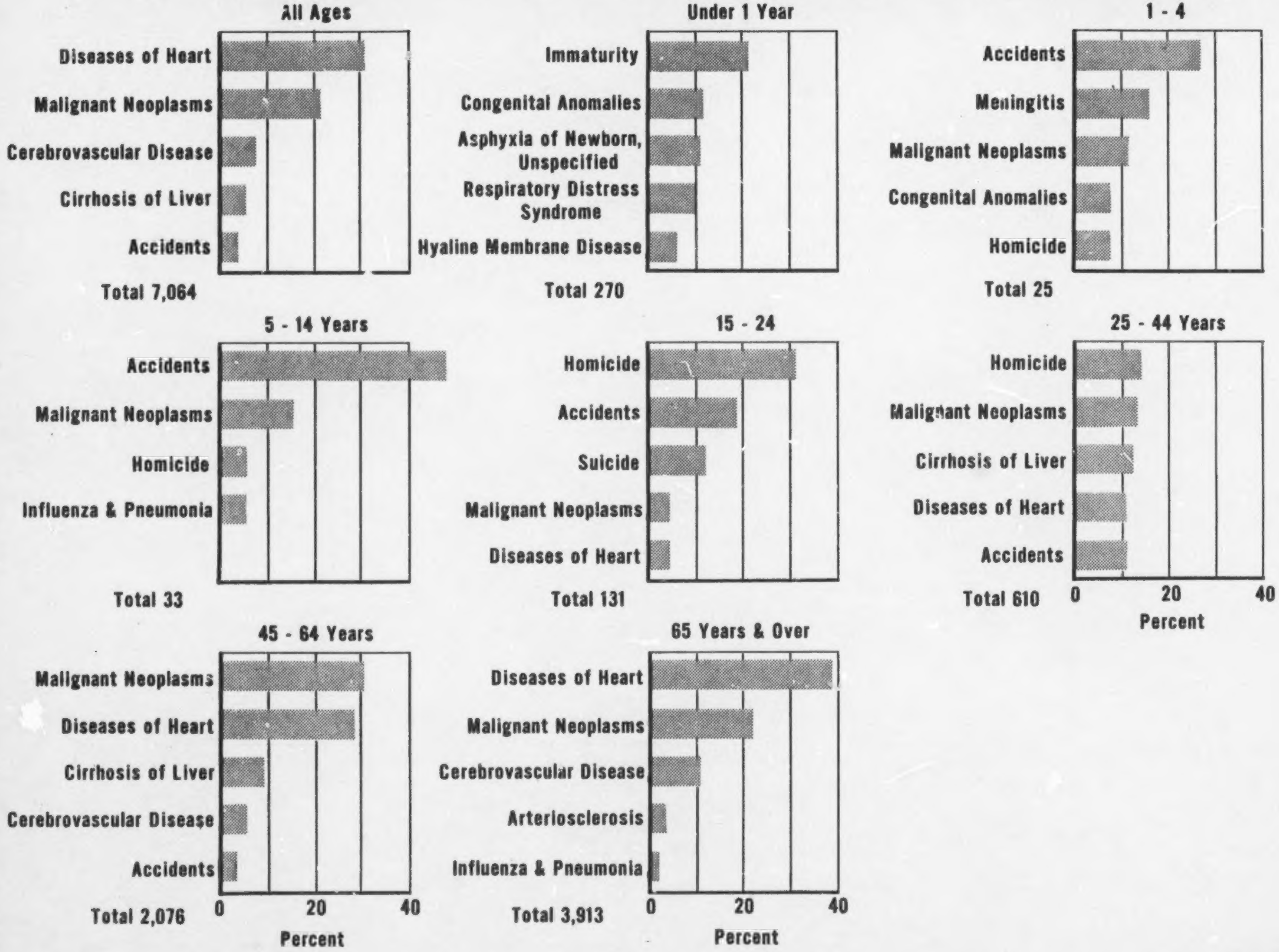


Figure 4. Leading Causes of Death in Selected Age Groups: District of Columbia, 1977



Tables

Table 1 .--ESTIMATED POPULATION BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1977

Age (in years)	Total			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total----	691,500	313,200	378,300	519,200	236,600	282,600	172,300	76,600	95,700
0-4-------------	45,800	23,200	22,600	41,700	21,200	20,500	4,100	2,000	2,100
5-9-------------	47,400	23,700	23,700	42,300	21,100	21,200	5,100	2,600	2,500
10-14------------	54,300	27,800	26,500	49,200	25,200	24,000	5,100	2,600	2,500
15-19------------	61,100	28,800	32,300	54,100	25,400	28,700	7,000	3,400	3,600
20-24------------	60,400	26,200	34,200	52,100	22,000	30,100	8,300	4,200	4,100
25-29------------	72,400	31,800	40,600	50,000	21,200	28,800	22,400	10,600	11,800
30-34------------	57,200	26,500	30,700	39,300	18,000	21,300	17,900	8,500	9,400
35-39------------	41,300	19,500	21,800	28,800	12,900	15,900	12,500	6,600	5,900
40-44------------	37,100	17,100	20,000	28,200	12,400	15,800	8,900	4,700	4,200
45-49------------	36,900	17,100	19,800	27,700	12,500	15,200	9,200	4,600	4,600
50-54------------	36,700	16,100	20,600	26,600	11,500	15,100	10,100	4,600	5,500
55-59------------	35,400	15,000	20,400	23,700	10,200	13,500	11,700	4,800	6,900
60-64------------	32,400	13,800	18,600	19,900	8,700	11,200	12,500	5,100	7,400
65 and over------	73,100	26,600	46,500	35,600	14,300	21,300	37,500	12,300	25,200

Table 2.--NUMBER OF TOTAL RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS: DISTRICT OF COLUMBIA, 1970-1977 AND AVERAGES, 1945-1974

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1977...........	9,885	7,064	270	203	160	27.3	20.5	16.2
1976......	9,635	7,238	240	193	169	24.9	20.0	17.5
1975......	9,746	7,446	279	220	149	28.6	22.6	15.3
1974......	10,037	7,815	277	216	140	27.6	21.5	13.9
1973......	10,837	8,017	276	208	141	25.5	19.2	13.0
1972......	11,886	8,313	323	235	250	27.2	19.8	21.0
1971......	13,914	8,405	396	294	286	28.5	21.1	20.6
1970......	14,960	8,690	432	339	258	28.9	22.7	17.2
AVERAGE ANNUAL								
1970-1974..	12,327	8,248	341	258	215	27.7	20.9	17.4
1965-1969..	15,796	8,873	511	387	314	32.3	24.5	19.9
1960-1964..	19,768	8,881	684	513	370	34.6	26.0	18.7
1955-1959..	19,739	8,559	678	520	355	34.3	26.3	18.0
1950-1954..	20,514	8,392	628	499	398	30.6	24.3	19.4
1945-1949..	19,411	8,324	669	516	441	34.5	26.6	22.7

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 3 .--NUMBER OF BLACK RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS: DISTRICT OF COLUMBIA, 1970-1977 AND AVERAGES, 1945-1974

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1977........	8,515	4,828	251	189	152	29.5	22.2	17.9
1976........	8,293	4,940	230	188	154	27.7	22.7	18.6
1975........	8,462	5,018	254	198	138	30.0	23.4	16.3
1974........	8,737	5,200	255	196	127	29.2	22.4	14.5
1973........	9,413	5,172	245	185	127	26.0	19.7	13.5
1972........	10,518	5,419	296	213	216	28.1	20.3	20.5
1971.,......	12,131	5,429	368	273	240	30.3	22.5	19.8
1970........	13,091	5,360	389	303	228	29.7	23.1	17.4
AVERAGE ANNUAL								
1970-1974...	10,778	5,316	311	234	188	28.9	21.7	17.4
1965-1969...	13,148	5,183	451	339	276	34.3	25.8	21.0
1960-1964...	14,225	4,463	542	402	295	38.1	28.3	20.7
1955-1959...	12,581	3,733	498	374	258	39.6	29.7	20.5
1950-1954...	9,814	3,231	337	255	237	34.3	26.0	24.1
1945-1949...	7,105	3,029	302	221	230	42.5	31.1	32.4

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 4 .--NUMBER OF WHITE RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS: DISTRICT OF COLUMBIA, 1970-1977 AND AVERAGES, 1945-1974

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1977............	1,370	2,236	19	14	8	13.9	10.2	5.8
1976............	1,342	2,298	10	5	15	7.5	3.7	11.2
1975............	1,284	2,428	25	22	11	19.5	17.1	8.6
1974............	1,300	2,615	22	20	13	16.9	15.4	10.0
1973............	1,424	2,845	31	23	14	21.8	16.2	9.8
1972............	1,368	2,894	27	22	34	19.7	16.1	24.9
1971............	1,783	2,976	28	21	46	15.7	11.8	25.8
1970............	1,869	3,330	43	36	30	23.0	19.3	16.1
AVERAGE ANNUAL								
1970-1974.......	1,549	2,932	30	24	27	19.4	15.5	17.4
1965-1969.......	2,648	3,690	60	48	38	22.7	18.1	14.4
1960-1964.......	5,543	4,418	142	111	75	25.3	20.0	13.5
1955-1959.......	7,158	4,826	180	146	97	25.1	20.4	13.6
1950-1954.......	10,700	5,161	291	244	161	27.2	22.8	15.0
1945-1949.......	12,306	5,295	267	295	212	29.8	24.0	17.2

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 5.—OUT-OF-WEDLOCK RATIOS BY AGE OF MOTHER AND RACE: DISTRICT OF COLUMBIA, 1972–1977

Year and race	Total[1]	Age of mother (in years)						
		Under 15	15–19	20–24	25–29	30–34	35–39	40 and over
TOTAL								
1977	530.4	977.0	900.3	604.9	333.1	216.0	209.0	252.9
1976	525.7	977.8	901.1	585.0	320.5	174.1	209.2	174.4
1975	511.8	991.4	881.9	539.7	282.8	195.1	196.3	259.3
1974	497.6	1000.0	855.0	502.3	261.7	182.5	212.8	218.8
1973	467.0	986.1	823.5	446.7	228.2	211.1	216.3	206.5
1972	463.5	985.2	809.6	421.2	241.0	212.6	206.2	233.9
BLACK								
1977	595.9	976.7	913.9	638.3	380.9	300.3	256.0	312.5
1976	589.2	977.0	911.3	614.9	374.7	237.9	278.6	215.4
1975	569.8	991.0	877.3	564.2	332.6	273.7	252.7	311.5
1974	549.5	1000.0	864.4	521.9	314.0	242.4	256.8	280.0
1973	515.9	965.3	834.1	466.2	268.8	275.2	270.5	228.6
1972	509.5	985.1	818.9	438.8	289.3	269.8	246.5	274.5
WHITE								
1977	123.4	1000.0	453.1	211.2	99.3	57.7	101.6	87.0
1976	133.4	1000.0	651.7	202.6	89.6	52.4	61.1	47.6
1975	129.3	1000.0	518.5	233.1	63.5	39.2	47.6	100.0
1974	148.5	1000.0	652.9	245.7	53.8	54.0	74.5	0
1973	144.0	1000.0	572.6	207.4	75.1	73.1	39.6	136.4
1972	109.6	1000.0	408.5	202.6	62.0	53.0	53.2	45.5

[1] Includes age of mother not stated which is not shown separately.

NOTE: Ratios per 1,000 live births in specified groups.

Table 6. --NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE-BIRTH ORDER AND RACE: DISTRICT OF COLUMBIA, 1975-1977 AND AVERAGES 1960-74

Live birth order and race	Number						Percent					
	1977	1976	1975	Annual average			1977	1976	1975	Annual average		
				1970-1974	1965-1969	1960-1964				1970-1974	1965-1969	1960-1964
Total............	9,885	9,635	9,746	12,326	15,796	19,768	100.0	100.0	100.0	100.0	100.0	100.0
First child.................	4,633	4,587	4,739	5,824	6,444	6,341	46.9	47.6	48.6	47.2	40.8	32.1
Second child................	2,741	2,632	2,723	3,244	3,785	4,542	27.7	27.3	27.9	26.3	24.0	23.0
Third child.................	1,348	1,237	1,190	1,543	2,116	3,108	13.6	12.8	12.2	12.5	13.4	15.7
Fourth child................	603	594	535	781	1,291	2,111	6.1	6.2	5.5	6.3	8.2	10.7
Fifth child.................	293	268	270	410	819	1,379	3.0	2.8	2.8	3.3	5.2	7.0
Sixth child.................	117	154	132	224	540	894	1.2	1.6	1.4	1.8	3.4	4.5
Seventh child...............	79	82	80	127	332	563	0.8	0.9	0.8	1.0	2.1	2.8
Eighth child and over.......	55	68	77	173	469	817	0.6	0.7	0.8	1.4	3.0	4.1
Not stated..................	16	13	–	–	–	13	0.2	0.1	0	0	0	0.1
Black............	8,515	8,293	8,462	10,778	13,148	14,225	100.0	100.0	100.0	100.0	100.0	100.0
First child.................	3,886	3,843	4,007	4,967	5,081	3,852	45.6	46.3	47.4	46.1	38.6	27.1
Second child................	2,358	2,250	2,337	2,806	3,108	3,083	27.7	27.1	27.6	26.0	23.6	21.7
Third child.................	1,194	1,102	1,083	1,393	1,806	2,338	14.0	13.3	12.8	12.9	13.7	16.4
Fourth child................	551	552	498	727	1,146	1,709	6.5	6.7	5.9	6.7	8.7	12.0
Fifth child.................	276	245	260	384	754	1,174	3.2	3.0	3.1	3.6	5.7	8.3
Sixth child.................	107	144	125	212	499	788	1.3	1.7	1.5	2.0	3.8	5.5
Seventh child...............	76	79	78	123	311	509	0.9	1.0	0.9	1.1	2.4	3.6
Eighth child and over.......	51	66	74	166	443	751	0.6	0.8	0.9	1.5	3.4	5.3
Not stated..................	16	12	–	–	–	11	0.2	0.1	0	0	0	0.1
White............	1,370	1,342	1,284	1,548	2,648	5,543	100.0	100.0	100.0	100.0	100.0	100.0
First child.................	747	744	732	857	1,363	2,489	54.5	55.4	57.0	55.4	51.5	44.9
Second child................	383	382	386	438	677	1,449	28.0	28.5	30.1	28.3	25.6	26.1
Third child.................	154	135	107	150	310	770	11.2	10.1	8.3	9.7	11.7	13.9
Fourth child................	52	42	37	54	145	402	3.8	3.1	2.9	3.5	5.5	7.3
Fifth child.................	17	23	10	26	65	205	1.2	1.7	0.8	1.7	2.5	3.7
Sixth child.................	10	10	7	12	41	106	0.7	0.7	0.5	0.8	1.5	1.9
Seventh child...............	3	3	2	4	21	54	0.2	0.2	0.2	0.3	0.8	1.0
Eighth child and over.......	4	2	3	7	26	66	0.3	0.1	0.2	0.5	1.0	1.2
Not stated..................	–	1	–	–	–	2	0	0.1	0	0	0	0.0

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER, AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1977

Age of mother and plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Total..................	9,885	4,633	2,741	1,348	603	293	117	77	35	19	1	16
Less than 15 years..	87	83	4	-	-	-	-	-	-	-	-	-
11 and under...	1	1	-	-	-	-	-	-	-	-	-	-
12............	1	1	-	-	-	-	-	-	-	-	-	-
13............	15	14	1	-	-	-	-	-	-	-	-	-
14............	70	67	3	-	-	-	-	-	-	-	-	-
15 - 19 years........	2,166	1,678	414	65	6	2	-	-	-	-	-	1
15............	179	165	14	-	-	-	-	-	-	-	-	-
16............	329	290	38	-	-	1	-	-	-	-	-	-
17............	458	374	77	7	-	-	-	-	-	-	-	-
18............	566	424	120	18	3	1	-	-	-	-	-	-
19............	634	425	165	40	3	-	-	-	-	-	-	1
20 - 24 years........	3,204	1,498	1,039	462	142	50	10	3	-	-	-	-
25 - 29 years........	2,549	837	829	497	231	100	34	17	3	1	-	-
30 - 34 years........	1,347	421	347	236	155	91	47	30	14	5	1	-
35 - 39 years........	421	89	93	74	53	41	19	24	15	5	-	8
40 - 44 years........	80	15	7	11	14	8	6	5	3	7	-	4
45 and over..........	7	1	1	-	-	-	1	-	-	1	-	3
Not stated...........	24	11	7	3	2	1	-	-	-	-	-	-

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER, AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1977 (Continued)

Age of mother and plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Single Births...........	9,657	4,602	2,669	1,288	571	278	110	73	33	18	1	14
Less than 15 years..	87	83	4	-	-	-	-	-	-	-	-	-
11 and under...	1	1	-	-	-	-	-	-	-	-	-	-
12.............	1	1	-	-	-	-	-	-	-	-	-	-
13.............	15	14	1	-	-	-	-	-	-	-	-	-
14.............	70	67	3	-	-	-	-	-	-	-	-	-
15 - 19 years........	2,128	1,668	396	58	4	1	-	-	-	-	-	1
15.............	179	165	14	-	-	-	-	-	-	-	-	-
16.............	326	289	36	-	-	1	-	-	-	-	-	-
17.............	454	373	75	6	-	-	-	-	-	-	-	-
18.............	560	422	118	18	2	-	-	-	-	-	-	-
19.............	609	419	153	34	2	-	-	-	-	-	-	1
20 - 24 years........	3,143	1,485	1,012	450	138	48	8	2	-	-	-	-
25 - 29 years........	2,485	831	815	474	216	95	33	17	3	1	-	-
30 - 34 years........	1,293	419	335	220	145	85	44	27	13	4	1	-
35 - 39 years........	411	89	92	73	52	40	18	22	14	5	-	6
40 - 44 years........	80	15	7	11	14	8	6	5	3	7	-	4
45 and over..........	7	1	1	-	-	-	1	-	-	1	-	3
Not stated...........	23	11	7	2	2	1	-	-	-	-	-	-

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1977 (Continued)

Age of mother and plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Plural Births..........	228	31	72	60	32	15	7	6	2	1	-	2
Less than 15 years..	-	-	-	-	-	-	-	-	-	-	-	-
11 and under...	-	-	-	-	-	-	-	-	-	-	-	-
12............	-	-	-	-	-	-	-	-	-	-	-	-
13............	-	-	-	-	-	-	-	-	-	-	-	-
14............	-	-	-	-	-	-	-	-	-	-	-	-
15 - 19 years........	38	10	18	7	2	1	-	-		-	-	-
15............	-	-	-	-	-	-	-	-	-	-	-	-
16............	3	1	2	-	-	-	-	-	-	-	-	-
17............	4	1	2	1	-	-	-	-	-	-	-	-
18............	6	2	2	-	1	1	-	-	-	-	-	-
19............	25	6	12	6	1	-	-	-	-	-	-	-
20 - 24 years........	61	13	27	12	4	2	2	1	-	-	-	-
25 - 29 years........	64	6	14	23	15	5	1	-	-	-	-	-
30 - 34 years........	54	2	12	16	10	6	3	3	1	1	-	-
35 - 39 years........	10	-	1	1	1	1	1	2	1	-	-	2
40 - 44 years........	-	-	-	-	-	-	-	-	-	-	-	-
45 and over..........	-	-	-	-	-	-	-	-	-	-	-	-
Not stated...........	1	-	-	1	-	-	-	-	-	-	-	-

Table 8.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER, AND PLURALITY, BLACK RESIDENTS: DISTRICT OF COLUMBIA, 1977

Age of mother and plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Total*................	8,515	3,886	2,358	1,194	551	276	107	76	32	18	1	16
Less than 15 years..	86	82	4	-	-	-	-	-	-	-	-	-
11 and under. ..	1	1	-	-	-	-	-	-	-	-	-	-
12.............	1	1	-	-	-	-	-	-	-	-	-	-
13.............	15	14	1	-	-	-	-	-	-	-	-	-
14.............	69	66	3	-	-	-	-	-	-	-	-	-
15 - 19 years........	2,102	1,630	399	64	6	2	-	-	-	-	-	1
15.............	175	162	13	-	-	-	-	-	-	-	-	-
16.............	324	286	37	-	-	1	-	-	-	-	-	-
17.............	445	362	76	7	-	-	-	-	-	-	-	-
18.............	549	412	115	18	3	1	-	-	-	-	-	-
19.............	609	408	158	39	3	-	-	-	-	-	-	1
20 - 24 years........	2,953	1,345	969	438	139	49	10	3	-	-	-	-
25 - 29 years........	2,116	584	716	450	219	96	30	17	3	1	-	-
30 - 34 years........	879	182	204	185	135	82	44	30	11	5	1	-
35 - 39 years........	293	47	53	45	41	38	19	22	15	5	-	8
40 44 years........	59	7	5	9	9	8	4	4	3	6	-	4
45 and over..........	5	-	1	-	-	-	-	-	-	1	-	3
Not stated...........	22	9	7	3	2	1	-	-	-	-	-	-

* Includes Black and statistically insignificant numbers of other races

Table 9.-- LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, WHITE RESIDENTS: DISTRICT OF COLUMBIA, 1977

Age of mother and plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Total..................	1,370	747	383	154	52	17	10	3	3	1	-	-
Less than 15 years..	1	1	-	-	-	-	-	-	-	-	-	-
11 and under...	-	-	-	-	-	-	-	-	-	-	-	-
12............	-	-	-	-	-	-	-	-	-	-	-	-
13............	-	-	-	-	-	-	-	-	-	-	-	-
14............	1	1	-	-	-	-	-	-	-	-	-	-
15 - 19 years........	64	48	15	1	-	-	-	-	-	-	-	-
15............	4	3	1	-	-	-	-	-	-	-	-	-
16............	5	4	1	-	-	-	-	-	-	-	-	-
17............	13	12	1	-	-	-	-	-	-	-	-	-
18............	17	12	5	-	-	-	-	-	-	-	-	-
19............	25	17	7	1	-	-	-	-	-	-	-	-
20 - 24 years........	251	153	70	24	3	1	-	-	-	-	-	-
25 - 29 years........	433	253	113	47	12	4	4	-	-	-	-	-
30 - 34 years........	468	239	143	51	20	9	3	-	3	-	-	-
35 - 39 years........	128	42	40	29	12	3	-	2	-	-	-	-
40 - 44 years........	21	8	2	2	5	-	2	1	-	1	-	-
45 and over..........	2	1	-	-	-	-	1	-	-	-	-	-
Not stated...........	2	2	-	-	-	-	-	-	-	-	-	-

Table 10.—LIVE BIRTHS BY WARD AND AGE OF MOTHER, ALL RESIDENTS: DISTRICT OF COLUMBIA, 1977

WARD	TOTAL	AGE OF MOTHER UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	N.S.
TOTAL	9885	87	2166	3204	2549	1347	421	80	7	24
WARD 1------------	1341	9	292	399	372	173	74	14	3	5
WARD 2------------	1035	14	243	312	252	157	46	7	1	3
WARD 3------------	638	0	26	63	204	266	68	11	0	0
WARD 4------------	1005	4	163	345	286	160	39	6	1	1
WARD 5------------	1142	15	302	396	271	107	44	5	0	2
WARD 6------------	1214	8	328	390	291	138	44	10	0	5
WARD 7------------	1602	16	414	566	379	158	49	15	0	5
WARD 8------------	1845	18	381	716	480	178	55	12	2	3
NOT REPORTED------	63	3	17	17	14	10	2	0	0	0

Table 11.—LIVE BIRTHS BY WARD AND AGE OF MOTHER, BLACK RESIDENTS: DISTRICT OF COLUMBIA, 1977

WARD	TOTAL	AGE OF MOTHER UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	N.S.
TOTAL	6515	86	2102	2953	2116	879	293	59	5	22
WARD 1------------	1143	9	283	363	304	116	52	11	1	4
WARD 2------------	842	14	237	278	188	91	27	4	1	2
WARD 3------------	88	0	14	14	27	28	4	1	0	0
WARD 4------------	962	4	158	332	278	145	38	5	1	1
WARD 5------------	1116	14	301	384	264	102	44	5	0	2
WARD 6------------	1076	8	324	378	245	80	28	8	0	5
WARD 7------------	1573	16	410	561	367	153	46	15	0	5
WARD 8------------	1662	18	359	629	432	157	52	10	2	3
NOT REPORTED------	53	3	16	14	11	7	2	0	0	0

Table 12.—LIVE BIRTHS BY WARD AND AGE OF MOTHER, WHITE RESIDENTS: DISTRICT OF COLUMBIA, 1977

		AGE OF MOTHER								
WARD	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	N.S.
TOTAL	1370	1	64	251	433	468	128	21	2	2
WARD 1------------	198	0	9	36	68	57	22	3	2	1
WARD 2------------	193	0	6	34	64	66	19	3	0	1
WARD 3------------	550	0	12	49	177	238	64	10	0	0
WARD 4------------	43	0	5	13	8	15	1	1	0	0
WARD 5------------	26	1	1	12	7	5	0	0	0	0
WARD 6------------	138	0	4	12	46	58	16	2	0	0
WARD 7------------	29	0	4	5	12	5	3	0	0	0
WARD 8------------	183	0	22	87	48	21	3	2	0	0
NOT REPORTED------	10	0	1	3	3	3	0	0	0	0

Table 13.-- NUMBER AND PERCENT DISTRIBTUION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1977

Race and Selected Characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
All races										
Total live births.........	9,885	1,341	1,035	638	1,005	1,142	1,214	1,602	1,845	63
Percent distribution....	100.0	13.6	10.5	6.5	10.2	11.5	12.3	16.2	18.7	0.6
Out-of-wedlock births										
Number.................	5,243	705	589	59	479	677	711	979	1,000	44
Ratio per 1,000 live births..............	530.4	525.7	569.1	92.5	476.6	592.8	585.7	611.1	542.0	698.4
Premature births[1]										
Number.................	1,397	226	154	35	129	180	174	220	271	8
Percent of total births.	14.1	16.9	14.9	5.5	12.8	15.8	14.3	13.7	14.7	12.7
Percent distribution....	100.0	16.2	11.0	2.5	9.2	12.9	12.5	15.7	19.4	0.6
Immature births[2]										
Number.................	1,330	184	143	38	123	176	176	229	256	5
Percent of total births.	13.5	13.7	13.8	6.0	12.2	15.4	14.5	14.3	13.9	7.9
Percent distribution....	100.0	13.8	10.8	2.9	9.2	13.2	13.2	17.2	19.2	0.4
Inadequate prenatal care[3]										
Number.................	867	165	118	26	64	87	121	172	106	8
Percent of total births.	88	12.3	11.4	4.1	6.4	7.6	10.0	10.7	5.7	12.7
Percent distribution....	100.0	19.0	13.6	3.0	7.4	10.0	14.0	19.8	12.2	0.9

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table 13.-- NUMBER AND PERCENT DISTRIBTUION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1977 (Continued)

Race and Selected Characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
Black										
Total live births.........	8,515	1,143	842	88	962	1,116	1,076	1,573	1,662	53
Percent distribution....	100.0	13.4	9.9	1.0	11.3	13.1	12.6	18.5	19.5	0.6
Out-of-wedlock births										
Number..................	5,074	660	555	23	470	669	697	974	986	40
Ratio per 1,000 live births................	595.9	577.4	659.1	261.4	488.6	599.5	647.8	619.2	593.3	754.7
Premature births[1]										
Number..................	1,298	207	132	6	127	179	157	216	266	8
Percent of total births	15.2	18.1	15.7	6.8	13.2	16.0	14.6	13.7	16.0	15.1
Percent distribution....	100.0	15.9	10.2	0.5	9.8	13.8	12.1	16.6	20.5	0.6
Immature births[2]										
Number..................	1,239	171	129	7	120	173	162	224	248	5
Percent of total births.	14.6	15.0	15.3	8.0	12.5	15.5	15.1	14.2	14.9	9.4
Percent distribution....	100.0	13.8	10.4	0.6	9.7	14.0	13.1	18.1	20.0	0.4
Inadequate prenatal care[3]										
Number..................	771	136	88	6	61	86	114	168	105	7
Percent of total births	9.1	11.9	10.5	6.8	6.3	7.7	10.6	10.7	6.3	13.2
Percent distribution....	100.0	17.6	11.4	0.8	7.9	11.2	14.8	21.8	13.6	0.9

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table 13.-- NUMBER AND PERCENT DISTRIBTUION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1977

(Continued)

Race and Selected Characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
White										
Total live births.........	1,370	198	193	550	43	26	138	29	183	10
Percent distribution....	100.0	14.5	14.1	40.1	3.1	1.9	10.1	2.1	13.4	0.7
Out-of-wedlock births										
Number..................	169	45	34	36	9	8	14	5	14	4
Ratio, per 1,000 live births...............	123.4	227.3	176.2	65.5	209.3	307.7	101.4	172.4	76.5	400.0
Premature births[1]										
Number..................	99	19	22	29	2	1	17	4	5	-
Percent of total births.	7.2	9.6	11.4	5.3	4.7	3.8	12.3	13.8	2.7	-
Percent distribution....	100.0	19.2	22.2	29.3	2.0	1.0	17.2	4.0	5.1	-
Immature births[2]										
Number..................	91	13	14	31	3	3	14	5	8	-
Percent of total births.	6.6	6.6	7.3	5.6	7.0	11.5	10.1	17.2	4.4	-
Percent distribution....	100.0	14.3	15.4	34.1	3.3	3.3	15.4	5.5	8.8	-
Inadequate prenatal care[3]										
Number..................	96	29	30	20	3	1	7	4	1	1
Percent of total births.	7.0	14.6	15.5	3.6	7.0	3.8	5.1	13.8	0.5	10.0
Percent distribution....	100.0	30.2	31.3	20.8	3.1	1.0	7.3	4.2	1.0	1.0

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[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

TABLE 14.--RESIDENT DEATHS FROM 20 LEADING CAUSES BY RACE AND SEX: . DISTRICT OF COLUMBIA, 1977

	TOTAL			BLACK			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	7,064	3,788	3,276	4,828	2,728	2,100	2,236	1,060	1,176
CAUSE OF DEATH									
DISEASES OF HEART	2,194	1,108	1,086	1,354	702	652	840	406	434
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	1,603	904	699	1,119	654	465	484	250	234
CEREBROVASCULAR DISEASES	553	227	326	334	160	174	219	67	152
CIRRHOSIS OF LIVER	329	208	121	276	174	102	53	34	19
ACCIDENTS	254	160	94	190	126	64	64	34	30
INFLUENZA AND PNEUMONIA	213	108	105	139	83	56	74	25	49
HOMICIDE	188	160	28	173	150	23	15	10	5
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	183	100	83	171	93	78	12	7	5
ARTERIOSCLEROSIS	166	64	102	90	35	55	76	29	47
DIABETES MELLITUS	126	51	75	98	38	60	28	13	15
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	69	37	32	47	23	24	22	14	8
SUICIDE	64	40	24	26	19	7	38	21	17
BRONCHITIS, EMPHYSEMA AND ASTHMA	52	31	21	21	15	6	31	16	15
SEPTICEMIA	51	29	22	45	26	19	6	3	3
CONGENITAL ANOMALIES	39	21	18	34	20	14	5	1	4
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	41	21	20	36	18	18	5	3	2
TUBERCULOSIS, ALL FORMS	31	20	11	24	18	6	7	2	5
HYPERTENSION	30	14	16	23	11	12	7	3	4
PEPTIC ULCER	24	12	12	14	9	5	10	3	7
ANEMIAS	23	13	10	17	11	6	6	2	4
RESIDUAL	831	460	371	597	343	254	234	117	117

Table 15.-- RESIDENT CRUDE DEATH RATES FOR 20 LEADING CAUSES, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1977

Rank for total deaths	ICDA Code 8th Revision	Cause of death	Total			Black			White		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
		All causes.................	1,021.5	1,209.5	866.0	929.9	1,153.0	743.1	1,297.7	1,383.8	1,228.8
01	390-398,402,404, 410-429	Diseases of heart................	317.3	353.8	287.1	260.8	298.7	230.7	487.5	530.0	453.5
02	140-209	Malignant neoplasms;incl.,etc.....	231.8	288.6	184.8	215.5	276.4	164.5	280.9	326.4	244.5
03	430-438	Cerebrovascular disease..........	80.0	72.5	86.2	64.3	67.6	61.6	127.1	87.5	158.8
04	571	Cirrhosis of liver...............	47.6	66.4	32.0	53.2	73.5	36.1	30.8	44.4	19.9
05	E800-E949	Accidents........................	36.7	51.1	24.8	36.6	53.3	22.6	37.1	44.4	31.3
06	470-474,480-486	Influenza and pneumonia..........	30.8	34.5	27.8	26.8	35.1	19.8	42.9	32.6	51.2
07	E960-E978	Homicide.........................	27.2	51.1	7.4	33.3	63.4	8.1	8.7	13.1	5.2
08	760-769.2,769.4-772,774-778	Certain causes of mortality in early infancy....................	25.6	30.0	21.9	31.8	36.8	27.6	7.0	9.1	5.2
09	440	Arteriosclerosis.................	24.0	20.4	27.0	17.3	14.8	19.5	44.1	37.9	49.1
10	250	Diabetes mellitus................	18.2	16.3	19.8	18.9	16.1	21.2	16.3	17.0	15.7
11	441-448	Other diseases of arteries, arterioles and capillaries......	10.0	1.8	8.5	9.1	9.7	8.5	12.8	18.3	8.4
12	E950-E959	Suicide..........................	9.3	2.8	6.3	5.0	8.0	2.5	22.1	27.4	17.8
13	490-493	Bronchitis, Emphysema and asthma.	7.5	9.9	5.6	4.0	6.3	2.1	18.0	20.9	15.7
14	038	Septicemia.......................	7.4	9.3	5.8	8.7	11.0	6.7	3.5	3.9	3.1
15	740-759	Congenital anomalies.............	6.5	8.6	4.8	7.7	11.0	5.0	2.9	1.3	4.2
16	582-584	Chronic and unqualified nephritis and renal sclerosis............	5.9	6.7	5.3	6.9	7.6	6.4	2.9	3.9	2.1
17	010-019	Tuberculosis all forms...........	4.5	6.4	2.9	4.6	7.6	2.1	4.1	2.6	5.2
18	400, 401, 403	Hypertension.....................	4.3	4.5	4.2	4.4	4.6	4.2	4.1	3.9	4.2
19	531-533	Peptic ulcer.....................	3.5	3.8	3.2	2.7	3.8	1.8	5.8	3.9	7.3
20	280-285	Anemias..........................	3.3	4.2	2.6	3.3	4.6	2.1	3.5	2.6	4.2
21	All Others	Residual.........................	120.2	146.9	98.1	115.0	145.0	89.9	135.8	152.7	122.3

Table 16.--RESIDENT AGE-ADJUSTED DEATH RATES FOR 20 LEADING CAUSES, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1977

Rank for total deaths	ICDA Code 8th Revision	Cause of death	Rates per 100,000 population								
			Total			Black			White		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
		All causes	817.7	1097.2	614.1	947.7	1256.6	712.1	585.1	762.8	474.5
01	390-398,402,404, 410-429	Diseases of heart	233.3	308.2	180.4	263.2	327.0	214.5	185.3	263.7	137.1
02	140-209	Malignant neoplasms, incl. etc	181.8	256.3	132.2	219.4	305.2	157.0	122.9	169.2	97.2
03	430-438	Cerebrovascular disease	58.8	63.5	54.9	65.7	75.4	58.2	44.6	40.3	47.2
04	571	Cirrhosis of liver	46.9	67.1	31.3	58.2	83.9	38.5	20.0	30.3	12.5
05	E800-E949	Accidents	33.8	49.3	21.4	37.0	56.3	21.8	31.0	38.5	25.5
06	470-474,480-486	Influenza and pneumonia	24.3	31.7	18.6	27.7	39.3	18.9	16.2	17.3	14.4
07	E960-E978	Homicide	26.8	51.1	6.9	33.7	66.5	7.9	8.5	10.6	6.5
08	760-769.2,769.4-772,774-778	Certain causes of mortality in early infancy	31.0	32.5	29.4	31.7	32.9	30.5	23.4	28.0	19.1
09	440	Arteriosclerosis	15.8	16.7	15.3	17.3	16.6	17.7	14.4	16.6	13.3
10	250	Diabetes mellitus	13.6	14.3	12.7	18.9	17.3	19.7	5.8	8.2	4.4
11	441-448	Other diseases of arteries, arterioles and capillaries	7.8	10.4	6.2	9.3	10.6	8.3	5.3	9.0	3.4
12	E950-E959	Suicide	9.0	12.6	6.0	5.0	8.3	2.5	19.8	22.5	17.5
13	490-493	Bronchitis, emphysema and asthma	5.5	8.5	3.9	4.1	6.8	2.2	7.4	10.6	5.5
14	038	Septicemia	5.9	8.4	4.1	8.8	12.2	6.3	1.5	2.4	0.8
15	740-759	Congenital anomalies	7.7	9.2	6.1	7.6	9.9	5.4	7.4	2.4	12.2
16	582-584	Chronic and unqualified nephritis and renal sclerosis	4.3	5.6	3.5	6.9	8.2	5.9	0.9	1.7	0.5
17	010-019	Tuberculosis, all forms	3.6	5.7	2.1	4.7	8.2	2.1	1.8	1.4	2.1
18	400,401-403	Hypertension	3.2	3.9	2.8	4.5	5.2	4.0	1.3	1.7	1.1
19	531-533	Peptic ulcer	2.8	3.5	2.2	2.8	4.3	1.8	2.1	1.9	2.2
20	280-285	Anemias	2.7	3.7	2.0	3.4	5.1	2.2	1.1	1.1	1.1
21	All others	Residual	99.0	135.3	72.2	117.6	157.7	86.8	64.3	85.4	50.9

Table 17 .--PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1977

ICD Code 8th Revision	Cause of death and age	Male	
		Number	Rate[1]
	1 - 4 years		
	Total............	15	64.7
E800 - E949	Accidents............	4	17.2
320	Meningitis............	3	12.9
140-209	Malignant neoplasms, incl, etc...........	2	8.6
038	Septicemia............	1	4.3
390-398,402,404,410-429	Diseases of heart......	1	4.3
740-759	Congenital anomalies...	1	4.3
Residual	All other causes.......	2	12.9
	5 - 14 years		
	Total..............	16	31.1
E800-E949	Accidents..............	9	17.5
E960-E978	Homicide...............	2	3.9
140-209	Malignant Neopls. incl.	1	1.9
470-474,480-486	Influenza and pneu.....	1	1.9
Residual	All other causes.......	3	5.8
	15-24 years		
	Total.............	90	163.6
E960-E978	Homicide...............	36	65.5
E800-E949	Accidents..............	15	27.3
E950-E959	Suicide................	10	18.2
140-209	Malignant Neopls.incl; etc...............	4	7.3
390-398,402,404,410-429	Diseases of heart......	4	7.3
430-438	Cerebrovascular disease	2	3.6
Residual	All other causes.......	19	34.5

ICD Code 8th Revision	Cause of death and age	Female	
		Number	Rate[1]
	1 - 4 years		
	Total...............	10	44.2
E800-E949	Accidents..............	3	13.3
E960-E978	Homicide...............	2	8.8
140-209	Malignant neopls: including etc..........	1	4.4
320	Meningitis.............	1	4.4
740-759	Congenital anomalies....	1	4.4
Residual	All other causes........	2	8.8
	5 - 14 years		
	Total..............	17	33.9
E800 E949	Accidents..............	7	13.9
140 209	Malignant neopls:incl. etc..............	4	8.0
320	Meningitis	1	2.0
470-474,480-486	Influenza and pneumonia.	1	2.0
540-543	Appendicitis...........	1	2.0
Residual	All other causes........	3	6.0
	15 - 24 years		
	Total.............	41	61.7
E800-E949	Accidents..............	11	16.5
E950-E959	Suicide................	6	9.0
E960-E979	Homicide...............	4	6.0
140-209	Malignant Neopls. incl..	2	3.0
390-398,402,.404,410-429	Diseases of heart.......	2	3.0
250	Diabetes mellitus.......	1	1.5
430-438	Cerebrovascular disease.	1	1.5
Residual	All other causes........	14	21.1

Table 17 .--PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1977

ICD Code 8th Revision	Cause of death and age	Male		ICD Code 8th Revision	Cause of death and age	Female	
		Number	Rate[1]			Number	Rate[1]
	25-44 years				25-44 years		
	Total..............	411	433.1		Total..............	199	176.0
E960-E978	Homicide..............	78	82.2	140-209	Malignant neopls., incl.	40	35.4
571	Cirrhosis of liver....	53	55.8	571	Cirrhosis of liver......	30	26.5
E800-E949	Accidents.............	48	50.6	390-398, 402, 404, 410-429	Diseases of heart.......	21	18.6
390-398, 402, 404, 410-429...	Diseases of heart.....	47	49.5	E800-E949	Accidents..............	15	13.3
140-209	Malignant neopls., incl	44	46.4	470-474, 480-486	Influenza and pneu......	9	8.0
430-438	Cerebrovascular dis...	20	21.1	E960-E978	Homicide................	9	8.0
E950-E959	Suicide................	17	17.9	430-438	Cerebrovascular disease.	8	7.1
470-474, 480-486	Influenza and pneu.....	16	16.9	E950-E959	Suicide.................	8	7.1
Residual	All other causes.......	88	92.7	Residual	All other causes........	59	52.2
	45-64 years				45-64 years		
	Total..............	1,304	2,103.2		Total...............	772	972.3
390-398, 402,404, 410-429	Diseases of heart.....	400	645.2	140-209	Malignant neopls.incl. etc..................	265	333.8
140-209	Malignant neopls., incl etc..................	376	606.5	390-398, 402,404, 410-429	Diseases of heart.......	197	248.1
571	Cirrhosis of liver.....	124	200.0	571	Cirrhosis of liver......	74	93.2
430-438	Cerebrovascular disease	62	100.0	430-438	Cerebrovascular disease.	55	69.3
E800-E949	Accidents.............	43	69.4	E800-E949	Accidents..............	22	27.7
E960-E978	Homicide..............	38	61.3	250	Diabetes mellitus.......	15	18.9
470-474, 480-486	Influenza and pneu.....	24	38.7	470-474, 480-486	Influenza and pneu......	15	18.9
250	Diabetes mellitus......	22	35.5	Residual	All other causes........	129	162.5
Residual	All other causes.......	215	346.8				

Table 17 .--PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1977

ICD Code 8th Revision	Cause of death and age	Male		ICD Code 8th Revision	Cause of death and age	Female	
		Number	Rate[1]			Number	Rate[1]
	65 years and over				65 years and over		
	Total..............	1,790	6,729.3		Total................	2,123	4,565.6
390-398, 402, 404, 410-429	Diseases of heart....	655	2,462.4	390-398, 402, 404, 410-429	Diseases of heart......	865	1,860.2
140-209	Malignant neopls. incl	477	1,793.2	140-209	Malignant neopls. inc..	387	832.3
430-438	Cerebrovascular dis...	143	537.6	430-438	Cerebrovascular dis....	262	563.4
470-474, 480-486	Influenza and pneu....	59	221.8	440	Arteriosclerosis.......	98	210.8
440	Arteriosclerosis......	59	221.8	470-474, 480-486	Influenza and pneu.....	78	167.7
E800-E949	Accidents.............	34	127.8	250	Diabetes mellitus......	57	122.6
571	Cirrhosis of liver....	30	112.8	E800-E949	Accidents..............	33	71.0
250	Diabetes mellitus.....	22	82.7	Residual	All other causes......	343	737.6
Residual	All other causes	311	1,169.2				

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[1] Rates per 100,000 population in specified group.

TABLE 18 — DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1977

	AGE (IN YEARS)																				
	ALL AGES	UNDER 1	1-4	5-9	10--14	15--19	20--24	25--29	30--34	35--39	40--44	45--49	50--54	55--59	60--64	65--69	70--74	75--79	80--84	85 AND OVER	NOT STATED
TOTAL																					
TOTAL..............	7064	270	25	12	21	42	89	112	120	152	226	321	490	589	676	766	791	815	665	876	6
BLACK																					
MALE.............	2728	149	15	7	8	28	54	68	71	83	146	176	257	296	320	307	260	218	148	114	3
FEMALE...........	2100	102	8	5	11	10	24	27	36	52	57	96	153	182	182	225	251	242	173	262	2
WHITE																					
MALE.............	1060	9	-	-	1	3	5	12	6	12	13	32	52	65	106	135	162	170	134	142	1
FEMALE...........	1176	10	2	-	1	1	6	5	7	5	10	17	28	46	68	99	118	185	210	358	-
CAUSE OF DEATH																					
DISEASES OF HEART																					
TOTAL..............	2194	-	1	-	-	5	1	2	10	19	37	73	126	175	223	260	304	312	268	376	2
BLACK																					
MALE.............	702	-	1	-	-	4	-	2	5	11	25	40	63	94	111	92	88	79	50	36	1
FEMALE...........	652	-	-	-	-	1	1	-	5	7	8	21	35	46	60	80	103	97	63	124	1
WHITE																					
MALE.............	406	-	-	-	-	-	-	-	-	1	3	8	18	27	39	54	65	69	64	58	-
FEMALE...........	434	-	-	-	-	-	-	-	-	-	1	4	10	8	13	34	48	67	91	158	-
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES																					
TOTAL..............	1603	-	3	1	4	4	2	11	10	25	38	73	145	199	224	251	202	198	118	95	-
BLACK																					
MALE.............	654	-	2	-	1	3	1	5	3	11	20	45	77	97	88	106	77	62	34	22	-
FEMALE...........	465	-	1	1	3	1	1	5	6	11	13	16	45	66	68	70	56	50	28	24	-
WHITE																					
MALE.............	250	-	-	-	-	-	-	1	-	2	2	5	16	13	35	36	45	47	23	25	-
FEMALE...........	234	-	-	-	-	-	-	-	1	1	3	7	7	23	33	39	24	39	33	24	-
CEREBROVASCULAR DISEASES																					
TOTAL..............	553	-	-	-	-	1	2	3	2	10	13	19	30	33	35	57	70	72	83	123	-
BLACK																					
MALE.............	160	-	-	-	-	-	2	3	2	6	9	9	11	13	22	20	20	19	12	12	-
FEMALE...........	174	-	-	-	-	1	-	-	-	4	3	8	15	12	9	22	22	21	22	35	-
WHITE																					
MALE.............	67	-	-	-	-	-	-	-	-	-	-	1	2	3	1	8	15	9	15	13	-
FEMALE...........	152	-	-	-	-	-	-	-	-	-	1	1	2	5	3	7	13	23	34	63	-
CIRRHOSIS OF LIVER																					
TOTAL..............	329	-	-	-	-	-	1	8	11	20	44	61	62	44	31	22	11	8	2	4	-
BLACK																					
MALE.............	174	-	-	-	-	-	1	4	8	8	31	31	32	25	15	13	3	1	1	1	-
FEMALE...........	102	-	-	-	-	-	-	4	3	12	10	26	19	10	8	4	2	2	-	2	-
WHITE																					
MALE.............	34	-	-	-	-	-	-	-	-	-	2	3	7	6	5	4	5	2	-	-	-

TABLE18 — DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1977 - CONTINUED

		AGE (IN YEARS)																			
	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
CAUSE OF DEATH																					
CIRRHOSIS OF LIVER																					
WHITE																					
FEMALE..........	19	-	-	-	-	-	-	-	-	-	1	1	4	3	3	1	1	3	1	1	-
ACCIDENTS																					
TOTAL.............	254	9	7	7	9	8	18	21	17	11	14	15	16	17	17	16	9	15	14	13	1
BLACK																					
MALE.............	126	6	4	5	3	4	7	13	11	6	11	6	12	9	9	10	3	1	5	1	-
FEMALE..........	64	2	3	2	4	1	7	4	1	3	-	5	3	7	2	2	2	5	4	6	1
WHITE																					
MALE.............	34	1	-	-	1	2	2	4	2	1	-	3	1	-	3	4	3	1	3	3	-
FEMALE..........	30	-	-	-	1	1	2	-	3	1	3	1	-	1	3	-	1	8	2	3	-
INFLUENZA AND PNEUMONIA																					
TOTAL.............	213	9	-	1	1	-	1	1	7	9	8	7	12	8	12	12	18	28	25	54	-
BLACK																					
MALE.............	83	7	-	1	-	-	1	-	2	7	5	4	8	2	4	8	10	10	9	5	-
FEMALE..........	56	2	-	-	1	-	-	-	5	1	3	1	3	4	5	3	5	4	7	12	-
WHITE																					
MALE.............	25	-	-	-	-	-	-	1	-	1	-	2	-	2	2	1	2	6	1	7	-
FEMALE..........	49	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	8	8	30	-
HOMICIDE																					
TOTAL.............	188	-	2	-	2	11	29	27	27	21	12	14	10	10	14	3	2	2	1	1	-
BLACK																					
MALE.............	150	-	-	-	2	10	26	21	24	16	11	10	8	8	9	3	1	1	-	-	-
FEMALE..........	23	-	1	-	-	1	3	4	1	2	-	2	1	2	5	-	-	-	-	1	-
WHITE																					
MALE.............	10	-	-	-	-	-	-	1	2	3	-	2	1	-	-	-	1	-	-	-	-
FEMALE..........	5	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	1	-	-
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY																					
TOTAL.............	183	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLACK																					
MALE.............	93	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE..........	78	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WHITE																					
MALE.............	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE..........	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARTERIOSCLEROSIS																					
TOTAL.............	166	-	-	-	-	-	-	-	-	-	-	2	1	2	4	15	17	32	38	55	-
BLACK																					
MALE.............	35	-	-	-	-	-	-	-	-	-	-	1	1	1	-	5	7	3	8	9	-
FEMALE..........	55	-	-	-	-	-	-	-	-	-	-	1	-	1	-	4	6	14	14	15	-
WHITE																					
MALE.............	29	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	2	8	6	6	-

TABLE 18 .--DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1977 - CONTINUED

CAUSE OF DEATH	ALL AGES	AGE (IN YEARS) UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
ARTERIOSCLEROSIS																					
WHITE																					
FEMALE..........	47	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	7	10	25	-
DIABETES MELLITUS																					
TOTAL............	126	-	-	-	-	1	-	1	2	1	4	3	8	10	16	15	21	19	14	10	1
BLACK																					
MALE............	38	-	-	-	-	-	-	1	1	1	3	2	4	3	9	1	6	3	3	-	1
FEMALE..........	60	-	-	-	-	1	-	-	1	-	1	1	4	6	3	12	11	13	5	2	-
WHITE																					
MALE............	13	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	1	2	2	3	-
FEMALE..........	15	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	1	4	5	-
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES																					
TOTAL............	69	-	-	-	-	-	-	1	-	1	3	3	6	8	9	4	10	12	5	7	-
BLACK																					
MALE............	23	-	-	-	-	-	-	-	-	-	1	1	3	5	5	2	3	2	1	-	-
FEMALE..........	24	-	-	-	-	-	-	1	-	1	2	1	2	2	2	-	4	4	1	4	-
WHITE																					
MALE............	14	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	3	5	-	2	-
FEMALE..........	8	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	3	1	-
SUICIDE																					
TOTAL............	64	-	-	-	1	3	13	9	5	8	3	3	4	2	5	4	3	1	-	-	-
BLACK																					
MALE............	19	-	-	-	-	3	5	3	1	3	1	-	1	-	1	1	-	-	-	-	-
FEMALE..........	7	-	-	-	1	-	3	-	1	1	1	-	-	-	-	-	-	-	-	-	-
WHITE																					
MALE............	21	-	-	-	-	-	2	4	1	3	1	1	1	2	4	1	1	-	-	-	-
FEMALE..........	17	-	-	-	-	-	3	2	2	1	-	2	2	-	-	2	2	1	-	-	-
BRONCHITIS, EMPHYSEMA AND ASTHMA																					
TOTAL............	52	-	-	-	-	-	1	-	-	1	1	2	3	4	7	9	8	8	6	2	-
BLACK																					
MALE............	15	-	-	-	-	-	1	-	-	-	-	1	1	1	4	2	1	2	1	1	-
FEMALE..........	6	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1	2	-	-	-	-
WHITE																					
MALE............	16	-	-	-	-	-	-	-	-	-	-	-	1	2	2	5	3	1	2	-	-
FEMALE..........	15	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	2	5	3	1	-
SEPTICEMIA																					
TOTAL............	51	-	1	-	-	-	-	1	3	1	2	2	5	3	6	-	9	5	4	9	-
BLACK																					
MALE............	26	-	1	-	-	-	-	1	-	1	2	-	3	2	4	-	5	2	2	3	-
FEMALE..........	19	-	-	-	-	-	-	-	3	-	-	2	1	1	2	-	2	3	1	4	-

TABLE 18 -- DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1977 - CONTINUED

		AGE (IN YEARS)																			
CAUSE OF DEATH	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
SEPTICEMIA																					
WHITE																					
MALE	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-
FEMALE	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-
CONGENITAL ANOMALIES																					
TOTAL	39	31	2	-	1	1	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-
BLACK																					
MALE	20	17	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE	14	11	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
WHITE																					
MALE	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE	4	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS																					
TOTAL	41	-	-	-	-	-	-	-	-	-	-	-	3	6	5	5	5	8	6	3	-
BLACK																					
MALE	18	-	-	-	-	-	-	-	-	-	-	-	1	4	3	1	3	4	1	1	-
FEMALE	18	-	-	-	-	-	-	-	-	-	-	-	2	2	2	4	2	3	2	1	-
WHITE																					
MALE	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
FEMALE	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
TUBERCULOSIS, ALL FORMS																					
TOTAL	31	-	-	-	-	-	-	1	2	1	2	3	3	-	3	5	4	2	2	2	1
BLACK																					
MALE	18	-	-	-	-	-	-	-	2	1	1	3	2	-	-	4	2	1	-	1	1
FEMALE	6	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	1	-	-	1	-
WHITE																					
MALE	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
FEMALE	5	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	1	1	-	-
HYPERTENSION																					
TOTAL	30	-	-	-	-	-	-	-	1	-	-	1	4	1	2	4	1	-	8	8	-
BLACK																					
MALE	11	-	-	-	-	-	-	-	1	-	-	-	3	-	1	3	-	-	2	1	-
FEMALE	12	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	2	4	-
WHITE																					
MALE	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
FEMALE	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-
PEPTIC ULCER																					
TOTAL	24	-	-	-	-	-	-	-	-	1	-	1	4	3	2	5	3	1	1	3	-
BLACK																					
MALE	9	-	-	-	-	-	-	-	-	-	-	1	3	1	1	1	1	-	1	-	-
FEMALE	5	-	-	-	-	-	-	-	-	1	-	-	1	1	-	2	-	-	-	-	-

TABLE 18 — DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX; DISTRICT OF COLUMBIA, 1977 - CONTINUED

CAUSE OF DEATH	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
	AGE (IN YEARS)																				
PEPTIC ULCER																					
WHITE																					
MALE............	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-
FEMALE..........	7	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	3	-
ANEMIAS																					
TOTAL.............	23	-	-	-	-	-	-	1	1	1	2	-	1	3	2	2	5	-	1	4	-
BLACK																					
MALE............	11	-	-	-	-	-	-	1	1	1	-	-	1	2	1	1	2	-	-	1	-
FEMALE..........	6	-	-	-	-	-	-	-	-	-	2	-	-	1	1	-	1	-	-	1	-
WHITE																					
MALE............	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
FEMALE..........	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-
RESIDUAL																					
TOTAL.............	831	38	9	3	3	8	20	23	21	22	43	39	47	61	59	77	89	92	69	107	1
BLACK																					
MALE............	343	26	6	1	2	4	9	13	10	11	26	22	23	29	33	34	28	28	18	20	-
FEMALE..........	254	9	2	2	1	4	9	9	9	8	12	11	19	20	13	19	31	26	24	26	-
WHITE																					
MALE............	117	1	-	-	-	-	1	1	1	1	5	6	4	8	7	14	14	19	10	24	1
FEMALE..........	117	2	1	-	-	-	1	-	1	2	-	-	1	4	6	10	16	19	17	37	-

Table 19.--NUMBER OF RESIDENT DEATHS AND CRUDE AND AGE-ADJUSTED DEATH RATES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1977

Age (in years)	Total			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
NUMBER									
Total........	7,064	3,788	3,276	4,828	2,728	2,100	2,236	1,060	1,176
Under 5................	295	173	122	274	164	110	21	9	12
5-14..................	33	16	17	31	15	16	2	1	1
15-24..................	131	90	41	116	82	34	15	8	7
25-34..................	232	157	75	202	139	63	30	18	12
35-44..................	378	254	124	338	229	109	40	25	15
45-54..................	811	517	294	682	433	249	129	84	45
55-64..................	1,265	787	478	980	616	364	285	171	114
65 and over............	3,913	1,790	2,123	2,200	1,047	1,153	1,713	743	970
Not stated.............	6	4	2	5	3	2	1	1	-
RATES									
AGE-ADJUSTED[1]....	817.7	1097.2	614.1	947.7	1256.6	712.1	585.1	762.8	474.5
CRUDE[2]........	1021.5	1209.5	866.0	929.9	1153.0	743.1	1297.7	1383.8	1228.8
Under 5................	644.1	745.7	539.8	657.1	773.6	536.6	512.2	450.0	571.4
5-14..................	32.4	31.1	33.9	33.9	32.4	35.4	19.6	19.2	20.0
15-24..................	107.8	163.6	61.7	109.2	173.0	57.8	98.0	105.3	90.9
25-34..................	179.0	269.3	105.2	226.2	354.6	125.7	74.4	94.2	56.6
35-44..................	482.1	694.0	296.7	593.0	905.1	343.8	186.9	221.2	148.5
45-54..................	1101.9	1557.2	727.7	1256.0	1804.2	821.8	668.4	913.0	445.5
55-64..................	1865.8	2732.6	1225.6	2247.7	3259.3	1473.7	1177.7	1727.3	797.2
65 and over............	5352.9	6729.3	4565.6	6179.8	7321.7	5413.1	4568.0	6040.7	3849.2

[1] Based on age-specific death rates by 5 year age groups, per 100,000 population in specified group. Computed by the direct method using as the standard population the age distribution of the total population of the United States as enumerated in 1940.

[2] Rates per 100,000 population.

TABLE 20. DEATHS FROM 70 SELECTED CAUSES BY RACE AND SEX: DISTRICT OF COLUMBIA, 1977

CAUSE OF DEATH 1/	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	BLACK TOTAL	BLACK MALE	BLACK FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
ALL CAUSES	7,064	3,788	3,276	4,828	2,728	2,100	2,236	1,060	1,176
ENTERITIS AND OTHER DIARRHEAL DISEASES	8	5	3	5	4	1	3	1	2
TUBERCULOSIS, ALL FORMS	31	20	11	24	18	6	7	2	5
TUBERCULOSIS OF RESPIRATORY SYSTEM	29	20	9	23	18	5	6	2	4
TUBERCULOSIS, OTHER FORMS	2	-	2	1	-	1	1	-	1
SEPTICEMIA	51	29	22	45	26	19	6	3	3
INFECTIOUS HEPATITIS	2	-	2	2	-	2	-	-	-
SYPHILIS AND ITS SEQUELAE	3	1	2	3	1	2	-	-	-
OTHER INFECTIVE AND PARASITIC DISEASES	22	11	11	17	9	8	5	2	3
MALIGNANT NEOPLASM	1,603	904	699	1,119	654	465	484	250	234
MALIGNANT NEOPLASM OF BUCCAL CAVITY AND PHARYNX	65	51	14	50	40	10	15	11	4
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	486	274	212	353	210	143	133	64	69
MALIGNANT NEOPLASM OF RESPIRATORY SYSTEM	378	280	98	275	211	64	103	69	34
MALIGNANT NEOPLASM OF BREAST	141	3	138	95	3	92	46	-	46
MALIGNANT NEOPLASM OF GENITAL ORGANS	182	92	90	127	65	62	55	27	28
MALIGNANT NEOPLASM OF URINARY ORGANS	69	49	20	38	25	13	31	24	7
MALIGNANT NEOPLASM OF ALL OTHER AND UNSPECIFIED SITES	174	96	78	109	61	48	65	35	30
LEUKEMIA	39	24	15	24	16	8	15	8	7
OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	69	35	34	48	23	25	21	12	9
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	20	8	12	13	7	6	7	1	6
DIABETES MELLITUS	126	51	75	98	38	60	28	13	15
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCIES	14	8	6	9	6	3	5	2	3
ANEMIAS	23	13	10	17	11	6	6	2	4
MENINGITIS	11	6	5	11	6	5	-	-	-
MAJOR CARDIOVASCULAR DISEASES	3,012	1,450	1,562	1,848	931	917	1,164	519	645
DISEASES OF HEART	2,194	1,108	1,086	1,354	702	652	840	406	434
ACTIVE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE	35	14	21	16	7	9	19	7	12
HYPERTENSIVE HEART DISEASE	36	15	21	28	12	16	8	3	5
HYPERTENSIVE HEART AND RENAL DISEASE	13	4	9	7	1	6	6	3	3
ISCHEMIC HEART DISEASE	1,915	956	959	1,172	599	573	743	357	386
ACUTE MYOCARDIAL INFARCTION	442	220	222	231	109	122	211	111	100
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE	5	3	2	2	1	1	3	2	1
CHRONIC ISCHEMIC HEART DISEASE	1,468	733	735	939	489	450	529	244	285
CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY	13	10	3	7	5	2	6	5	1
ALL OTHER FORMS OF HEART DISEASE	182	109	73	124	78	46	58	31	27

TABLE 20. DEATHS FROM 70 SELECTED CAUSES BY RACE AND SEX: DISTRICT OF COLUMBIA, 1977 - CONTINUED

CAUSE OF DEATH	TOTAL			BLACK			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
HYPERTENSION..........................	30	14	16	23	11	12	7	3	4
CEREBROVASCULAR DISEASES..............	553	227	326	334	160	174	219	67	152
CEREBRAL HEMORRHAGE...............	132	64	68	95	50	45	37	14	23
CEREBRAL THROMBOSIS...............	129	47	82	65	32	33	64	15	49
ALL OTHER CEREBROVASCULAR DISEASES	292	116	176	174	78	96	118	38	80
ARTERIOSCLEROSIS......................	166	64	102	90	35	55	76	29	47
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES.............	69	37	32	47	23	24	22	14	8
ACUTE BRONCHITIS AND BRONCHIOLITIS......	1	1	-	1	1	-	-	-	-
INFLUENZA AND PNEUMONIA.................	213	108	105	139	83	56	74	25	49
INFLUENZA.............................	1	-	1	-	-	-	1	-	1
PNEUMONIA.............................	212	108	104	139	83	56	73	25	48
BRONCHITIS, EMPHYSEMA AND ASTHMA........	52	31	21	21	15	6	31	16	15
CHRONIC AND UNQUALIFIED BRONCHITIS...	9	5	4	2	2	-	7	3	4
EMPHYSEMA............................	34	25	9	13	12	1	21	13	8
ASTHMA...............................	9	1	8	6	1	5	3	-	3
PEPTIC ULCER............................	24	12	12	14	9	5	10	3	7
APPENDICITIS............................	5	1	4	5	1	4	-	-	-
HERNIA AND INTESTINAL OBSTRUCTION.......	21	7	14	14	7	7	7	-	7
CIRRHOSIS OF LIVER......................	329	208	121	276	174	102	53	34	19
CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS.........................	6	2	4	4	1	3	2	1	1
NEPHRITIS AND NEPHROSIS.................	50	26	24	43	21	22	7	5	2
ACUTE NEPHRITIS AND NEPHROTIC SYNDROME............................	9	5	4	7	3	4	2	2	-
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS......................	41	21	20	36	18	18	5	3	2
INFECTIONS OF KIDNEY....................	12	5	7	7	2	5	5	3	2
HYPERPLASIA OF PROSTATE.................	3	3	-	2	2	-	1	1	-
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM....................	3	-	3	3	-	3	-	-	-
OTHER COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM..........	3	-	3	3	-	3	-	-	-
CONGENITAL ANOMALIES....................	45	27	18	40	26	14	5	1	4
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY...............................	177	94	83	165	87	78	12	7	5
BIRTH INJURY, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS...	84	40	44	79	38	41	5	2	3
OTHER CAUSES OF MORTALITY IN EARLY INFANCY...............................	93	54	39	86	49	37	7	5	2
SYMPTOMS AND ILL-DEFINED CONDITIONS.....	74	42	32	59	32	27	15	10	5
ALL OTHER DISEASES......................	565	317	248	392	229	163	173	88	85
ACCIDENTS...............................	254	160	94	190	126	64	64	34	30
MOTOR VEHICLE ACCIDENTS...............	78	45	33	54	35	19	24	10	14
ALL OTHER ACCIDENTS...................	176	115	61	136	91	45	40	24	16
SUICIDE.................................	64	40	24	26	19	7	38	21	17
HOMICIDE................................	188	160	28	173	150	23	15	10	5

TABLE 20. DEATHS FROM 70 SELECTED CAUSES BY RACE AND SEX: DISTRICT OF COLUMBIA, 1977 - CONTINUED

CAUSE OF DEATH	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	BLACK TOTAL	BLACK MALE	BLACK FEMALE	WHITE TOTAL	WHITE MALE	WHITE FEMALE
OTHER EXTERNAL CAUSES	52	38	14	43	32	11	9	6	3

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[1] Several of the 70 selected causes of death are not shown in the Table as they had frequencies of zero. They are: Bacillary dysentery and amebiasis; Whooping cough; Streptococcal sore throat and Scarlet fever; Meningococcal infection; Acute poliomyelitis; Measles; Angina pectoris and asymptomatic ischemic heart disease; Cerebral embolism; and Abortions.

TABLE 21. — RESIDENT DEATHS BY WARD, AND CAUSE OF DEATH; DISTRICT OF COLUMBIA 1977

TOTAL ALL RACES

	CAUSE OF DEATH	TOTAL	WARD 1	2	3	4	5	6	7	8	-
	ALL CAUSES	7064	1092	1024	997	970	946	834	723	450	28
390-398 402,404 410-429	DISEASES OF HEART	2194	305	312	384	303	299	280	203	99	9
140-209	MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPH & HEMATOPOIETIC TIS-	1603	248	205	217	242	230	186	172	96	7
430-438	CEREBROVASCULAR DISEAES	553	75	75	116	92	66	58	55	16	0
571	CIRRHOSIS OF LIVER	329	69	71	16	22	54	37	36	24	0
470-474 480-486	INFLUENZA AND PNEUMONIA	213	37	32	31	34	26	15	20	18	0
800-949	ACCIDENTS	254	44	37	25	28	32	29	27	31	1
440	ARTERIOSCLEROSIS	166	18	27	35	25	18	13	18	11	1
490-493	BRONCHITIS, EMPHYSEMA AND ASTHMA	52	6	7	7	12	4	12	1	3	0
950-959	SUICIDE	64	17	11	12	4	8	4	4	3	1
441-448	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	69	11	8	10	13	11	8	5	3	0
250	DIABETES MELLITUS	126	24	22	11	19	15	16	12	7	0
960-978	HOMICIDE	188	30	41	3	20	24	26	23	21	0
550-553 560	HERNIA AND INTESTINAL OBSTRUCTION	21	9	1	1	3	2	3	2	0	0
400-401 403	HYPERTENSION	30	5	1	3	2	11	3	2	3	0
531-533	PEPTIC ULCER	24	4	4	3	5	1	2	3	2	0
590	INFECTIONS OF KIDNEY	12	1	0	2	4	5	0	0	0	0
740-759	CONGENITAL ANOMALIES	39	6	4	5	5	3	5	8	3	0
760-7692 7694-772 774-778	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	183	22	23	3	18	23	31	30	30	3
010-019	TUBERCULOSIS ALL FORMS	31	9	6	2	3	2	2	3	3	1
582-584	CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS	41	7	7	2	9	6	5	3	2	0
ALL OTHERS	RESIDUAL	872	145	130	109	107	106	99	96	75	5

Table 22.—INFANT DEATHS AND DEATH RATES BY AGE AND RACE, AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970–1977 AND AVERAGES 1950–1974

Year	Infant deaths									Fetal deaths		
	Total			Less than 28 days			Less than 7 days					
	Total	Black	White	Total	Black	White	Total	Black	White	Total	Black	White
NUMBER												
1977	270	251	19	203	189	14	172	159	13	160	152	8
1976	240	230	10	193	188	5	175	170	5	169	154	15
1975	279	254	25	220	198	22	194	174	20	149	138	11
1974	277	255	22	216	196	20	181	167	14	140	127	13
1973	276	245	31	208	185	23	182	164	18	141	127	14
1972	323	296	27	235	213	22	209	194	15	250	216	34
1971	396	368	28	294	273	21	274	255	19	286	240	46
1970	432	389	43	339	303	36	302	270	32	258	228	30
ANNUAL AVERAGE												
1970–1974	341	311	30	258	234	24	230	210	20	215	188	27
1965–1969	511	451	60	387	339	48	357	312	45	314	276	38
1960–1964	684	542	142	513	402	111	470	370	100	370	295	75
1955–1959	678	498	180	520	374	146	473	340	133	355	258	97
1950–1954	628	337	291	499	255	244	444	225	219	398	237	161
RATE (PER 1,000 LIVE BIRTHS)												
1977	27.3	29.5	13.9	20.5	22.2	10.2	17.4	18.7	9.5	16.2	17.9	5.8
1976	24.9	27.7	7.5	20.0	22.7	3.7	18.2	20.5	3.7	17.5	18.6	11.2
1975	28.6	30.0	19.5	22.6	23.4	17.1	19.9	20.6	15.6	15.3	16.3	8.6
1974	27.6	29.2	16.9	21.5	22.4	15.4	18.0	19.1	10.8	13.9	14.5	10.0
1973	25.5	26.0	21.8	19.2	19.7	16.2	16.8	17.4	12.6	13.0	13.5	9.8
1972	27.2	28.1	19.7	19.8	20.3	16.1	17.6	18.4	11.0	21.0	20.5	24.9
1971	28.5	30.3	15.7	21.1	22.5	11.8	19.7	21.0	10.7	20.6	19.8	25.8
1970	28.9	29.7	23.0	22.7	23.1	19.3	20.2	20.6	17.1	17.2	17.4	16.1
ANNUAL AVERAGE												
1970–1974	27.7	28.9	19.4	20.9	21.7	15.5	18.7	19.5	12.9	17.4	17.4	17.4
1965–1969	32.3	34.3	22.7	24.5	25.8	18.1	22.6	23.7	17.0	19.9	21.0	14.4
1960–1964	34.8	38.1	25.3	26.0	28.3	20.0	23.8	26.0	18.0	18.7	20.7	13.5
1955–1959	34.3	39.6	25.1	26.3	29.7	20.4	24.0	27.0	18.6	18.0	20.5	13.8
1950–1954	30.6	34.3	27.2	24.3	26.0	22.8	21.6	22.9	20.5	19.4	24.1	15.0

Table 23.--RESIDENT INFANT DEATHS AND DEATH RATES BY AGE: DISTRICT OF COLUMBIA, 1959-1977

Year	Number						Rate Per 1,000 Live Births					
	All Ages	Under 28 days				28 days - 11 months	All Ages	Under 28 days				28 days - 11 months
		Total	Under 1 day	1-6 days	7-27 days			Total	Under 1 day	1-6 days	7-27 days	
1977---	270	203	117	56	30	67	27.3	20.5	11.8	5.7	3.0	6.8
1976---	240	193	116	59	18	47	24.9	20.0	12.0	6.1	1.9	4.9
1975---	279	220	129	65	26	59	28.6	22.6	13.2	6.7	2.7	6.1
1974---	277	216	119	62	35	61	27.6	21.5	11.9	6.2	3.5	6.1
1973---	276	208	122	60	26	68	25.5	19.2	11.3	5.5	2.4	6.3
1972---	323	235	142	67	26	88	27.2	19.8	11.9	5.6	2.2	7.4
1971---	396	294	192	82	20	102	28.5	21.1	13.8	5.9	1.4	7.3
1970---	432	339	215	87	37	93	28.9	22.7	14.4	5.8	2.5	6.2
1969---	428	333	223	76	34	95	29.0	22.6	15.1	5.2	2.3	6.4
1968---	467	353	228	99	26	114	32.0	24.2	15.6	6.8	1.8	7.8
1967---	474	369	256	92	21	105	30.3	23.5	16.3	5.9	1.3	6.7
1966---	578	441	296	113	32	137	35.3	26.9	18.1	6.9	2.0	8.4
1965---	611	441	282	120	39	170	34.7	25.1	16.0	6.8	2.2	9.7
1964---	656	493	311	129	53	163	34.5	25.9	16.4	6.8	2.8	8.6
1963---	653	475	283	156	36	178	32.9	23.9	14.3	7.9	1.8	9.0
1962---	690	516	328	146	42	174	34.6	25.9	16.4	7.3	2.1	8.7
1961---	712	547	360	143	44	165	35.2	27.0	17.8	7.1	2.2	8.1
1960---	708	534	336	160	38	174	35.8	27.0	17.0	8.1	1.9	8.8
1959---	728	543	352	151	40	185	36.5	27.2	17.6	7.6	2.0	9.3

Table 24.--INFANT DEATH RATES BY WARD AND AGE: DISTRICT OF COLUMBIA, 1977

Ward	All Ages	Under 28 days	28 days-11 months
Total..........	27.3	20.5	6.8
1...........	25.4	18.6	6.7
2...........	29.0	22.2	6.8
3...........	11.0	7.8	3.1
4...........	26.9	21.9	5.0
5...........	28.0	20.1	7.9
6...........	35.4	28.8	6.6
7...........	27.5	21.2	6.2
8...........	27.1	17.9	9.2

TABLE25.—RESIDENT INFANT DEATHS BY CAUSE AND AGE 1977

CAUSE OF DEATH	TOT -AL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
TOTAL	270	117	56	30	54	13
DIARRHEAL DISEASES	5	0	0	3	2	0
WHOPPING COUGH	0	0	0	0	0	0
MENINGOCOCCAL INFECTIONS	0	0	0	0	0	0
TETANUS	0	0	0	0	0	0
SEPTICEMIA	0	0	0	0	0	0
VIRAL DISEASES	1	0	0	0	1	0
CONGENITAL SYPHILIS	1	0	0	0	1	0
OTHER INFECTIVE AND PARASITIC DISEASES	0	0	0	0	0	0
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	0	0	0	0	0	0
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	0	0	0	0	0	0
DISEASES OF THYMUS GLAND	0	0	0	0	0	0
CYSTIC FIBROSIS	0	0	0	0	0	0
DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	0	0	0	0	0	0
MENINGITIS	1	0	0	0	1	0
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	1	0	0	0	1	0
ACUTE UPPER RESPIRATORY INFECTIONS	1	0	0	0	1	0
BRONCHITIS AND BRONCHIOLITIS	1	0	0	0	1	0
INFLUENZA AND PNEUMONIA	9	1	2	2	3	1
INFLUENZA	0	0	0	0	0	0
PNEUMONIA	9	1	2	2	3	1
OTHER CHRONIC INTERSTITIAL PNEUMONIA	0	0	0	0	0	0
ALL OTHER DISEASES OF RESPIRATORY SYSTEM	0	0	0	0	0	0
HERNIA AND INTESTINAL OBSTRUCTION	2	0	1	0	0	1
GASTRITIS, DUODENITIS, ENTERITIS, AND COLITIS OF NONINFECTIOUS ORIGIN	0	0	0	0	0	0
OTHER DISEASES OF DIGESTIVE SYSTEM	1	1	0	0	0	0
CONGENITAL ANOMALIES	31	5	9	2	13	2
ANENCEPHALUS	2	1	1	0	0	0
SPINA BIFIDA	0	0	0	0	0	0
CONGENITAL HYDROCEPHALUS	2	0	0	0	2	0
OTHER CONGENITAL ANOMALIES OFCENTRAL NERVOUS SYSTEM AND EYE	1	0	0	0	0	1
CONGENITAL ANOMALIES OF HEART	8	1	4	0	2	1
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	4	0	1	1	2	0
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	0	0	0	0	0	0
CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	3	0	0	0	3	0
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	1	1	0	0	0	0
CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	1	0	1	0	0	0
DOWNS DISEASE	0	0	0	0	0	0
OTHER CONGENITAL SYNDROMES AFFECTING MULTIPLE SYSTEMS	7	2	1	1	3	0
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	2	0	1	0	1	0
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	183	108	43	22	7	3
CHRONIC CIRCULATORY AND GENITOURINARY DISEASES IN MOTHER	0	0	0	0	0	0
OTHER MATERNAL CONDITIONS UNRELATED TO PREGNANCY	0	0	0	0	0	0
SYPHILIS	0	0	0	0	0	0
DIABETES MELLITUS	0	0	0	0	0	0
RUBELLA	0	0	0	0	0	0

TABLE 25.—RESIDENT INFANT DEATHS BY CAUSE AND AGE 1977–CONTINUED

CAUSE OF DEATH	TOTAL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
ALL OTHER MATERIAL CONDITIONS UNRELATED TO PREGNANCY	0	0	0	0	0	0
TOXEMIA OF PREGNANCY	0	0	0	0	0	0
MATERNAL ANTEPARTUM AND INTRAPARTUM INFECTION	4	3	1	0	0	0
DIFFICULT LABOR	1	1	0	0	0	0
WITH MENTION OF BIRTH INJURY	0	0	0	0	0	0
WITHOUT MENTION OF BIRTH INJURY	1	1	0	0	0	0
ALL OTHER COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	8	8	0	0	0	0
CONDITIONS OF PLACENTA	2	2	0	0	0	0
CONDITIONS OF UMBILICAL CORD	1	0	0	0	0	1
BIRTH INJURY WITHOUT MENTION OF CAUSE	14	3	7	3	1	0
HEMOLYTIC DISEASE OF NEWBORN	3	2	1	0	0	0
HYALINE MEMBRANE DISEASE	17	4	9	3	1	0
RESPIRATORY DISTRESS SYNDROME	27	9	8	5	3	2
ASPHYXIA OF NEWBORN, UNSPECIFIED	30	22	4	3	1	0
ALL OTHER ANOXIC AND HYPOXIC CONDITIONS NOT ELSEWHERE CLASSIFICABLE	1	0	1	0	0	0
IMMATURITY, UNQUALIFIED	53	41	6	5	1	0
POSTMATURITY	0	0	0	0	0	0
HEMORRHAGIC DISEASE OF NEWBORN	4	2	2	0	0	0
ALL OTHER CONDITIONS OF NEWBORN	13	11	2	0	0	0
SUDDEN DEATH	16	0	0	1	13	2
ALL OTHER SYMPTONS AND ILL-DEFINED CONDITIONS	5	1	0	0	2	2
ACCIDENTS	9	0	0	0	7	2
INHALATION AND INGESTION OF FOOD OR OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	0	0	0	0	0	0
ACCIDENTAL MECHANICAL SUFFOCATION	6	0	0	0	5	1
OTHER ACCIDENTAL CAUSES	3	0	0	0	2	1
HOMICIDE	0	0	0	0	0	0
RESIDUAL	3	1	1	0	1	0

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Table 26.--THREE YEAR MOVING AVERAGE OF INFANT MORTALITY RATE BY AGE AT DEATH: DISTRICT OF COLUMBIA, 1961-1963 TO 1975-1977

Year	Rates per 1,000 Live Births				
	All Ages	Less than 1 day	1-6 Days	7-27 Days	28 Days-11 months
1961-1963-----	34.2	16.2	7.4	2.0	8.6
1962-1964-----	34.0	15.7	7.3	2.2	8.8
1963-1965-----	32.5	14.7	6.9	2.2	8.7
1964-1966-----	33.3	15.9	6.5	2.3	8.5
1965-1967-----	31.8	15.9	6.2	1.8	7.9
1966-1968-----	32.6	16.7	6.5	1.7	7.6
1967-1969-----	30.4	15.7	5.9	1.8	7.0
1968-1970-----	29.9	15.0	5.9	2.2	6.8
1969-1971-----	28.8	14.4	5.6	2.1	6.6
1970-1972-----	28.2	13.4	5.8	2.0	7.0
1971-1973-----	27.1	12.3	5.7	2.0	7.0
1972-1974-----	26.8	11.7	5.8	2.7	6.6
1973-1975-----	27.2	12.1	6.1	2.8	6.1
1974-1976-----	27.0	12.4	6.3	2.7	5.7
1975-1977-----	26.9	12.4	6.2	2.5	5.9

Table 27.--LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, INFANT DEATHS FETAL DEATHS, TOTAL DEATHS, BY PLACE OF OCCURRENCE AND RESIDENCE: DISTRICT OF COLUMBIA, 1977

Place of Occurrence Resident Status	Live Births	Out-of-Wedlock Births	Infant Deaths	Fetal Deaths	Total Deaths
Total recorded events	20,653	6,328	497	271	8,987
D.C. Residents............	9,449	5,161	262	155	6,443
Md. Residents.............	8,842	990	154	92	1,708
Va. Residents.............	2,253	153	64	24	512
Resident of other states....................	100	23	16	-	307
Not stated...............	9	1	1	-	17
Resident events	9,885	5,243	270	160	7,064
Occurring in D.C..........	9,449	5,161	262	155	6,443
Occurring in other states....................	436	82	8	5	621

Table 28.-- RECORDED NUMBER OF LIVE BIRTHS AND DEATHS: NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970 - 1977 AND AVERAGES 1940 - 1974

Race and year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
Total								
1977..........	20,653	8,987	497	379	271	24.1	18.4	13.1
1976..........	19,916	9,183	480	386	279	24.1	19.4	14.0
1975..........	19,826	9,423	504	409	241	25.4	20.6	12.2
1974..........	19,865	9,786	477	376	242	24.0	18.9	12.2
1973..........	20,696	9,850	491	377	242	23.7	18.2	11.7
1972..........	22,600	10,153	569	446	366	25.2	19.7	16.2
1971..........	25,932	10,291	665	514	396	25.6	19.8	15.3
1970..........	28,141	10,526	712	558	380	25.3	19.8	13.5
Average Annual								
1970-- 1974...	23,447	10,121	583	454	325	24.9	19.4	13.9
1965 - 1969...	28,461	10,587	754	582	448	26.5	20.4	15.7
1960 - 1964...	33,190	10,415	958	727	528	28.9	21.9	15.9
1955 - 1959...	33,318	9,760	946	740	531	28.4	22.2	15.9
1950 - 1954...	31,135	8,974	785	628	540	25.2	20.2	17.3
1945 - 1949...	26,538	8,617	821	632	571	30.9	23.8	21.5
1940 - 1944...	20,279	8,922	887	611	534	43.7	30.1	26.3

Table 28.-- RECORDED NUMBER OF LIVE BIRTHS AND DEATHS: NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970 - 1977 AND AVERAGES 1940 - 1974

(Continued)

Race and year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
Black								
1977.........	11,967	5,121	333	255	197	27.8	21.3	16.5
1976.........	11,544	5,167	327	270	201	28.3	23.4	17.4
1975.........	11,351	5,166	309	246	179	27.2	21.7	15.8
1974.........	11,147	5,290	307	240	160	27.5	21.5	14.4
1973.........	11,734	5,240	304	231	160	25.9	19.7	13.6
1972.........	12,709	5,383	330	243	248	26.0	19.1	19.5
1971.........	14,188	5,328	420	313	264	29.6	22.1	18.6
1970.........	15,007	5,270	443	351	257	29.5	23.4	17.1
Average Annual								
1970 - 1974...	12,957	5,302	361	276	218	27.9	21.3	16.8
1965 - 1969...	14,000	5,122	473	357	286	33.8	25.5	20.4
1960 - 1964...	14,766	4,484	562	415	307	38.1	28.1	20.8
1955 - 1959...	13,329	3,785	520	390	274	39.0	29.3	20.6
1950 - 1954...	10,895	3,301	363	301	263	33.3	27.6	24.1
1945 - 1949...	7,856	3,070	340	253	265	43.3	32.2	33.7
1940 - 1944...	5,488	3,148	408	260	227	74.3	47.4	41.4

Table 28.-- RECORDED NUMBER OF LIVE BIRTHS AND DEATHS: NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970 - 1977 AND AVERAGES 1940 - 1974

(Continued)

Race and year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
White								
1977	8,686	3,866	164	124	74	18.9	14.3	8.5
1976...........	8,372	4,016	153	116	78	18.3	13.9	9.3
1975...........	8,475	4,257	195	163	62	23.0	19.2	7.3
1974...........	8,718	4,496	170	136	82	19.5	15.6	9.4
1973...........	8,962	4,610	187	146	82	20.9	16.3	9.1
1972...........	9,891	4,770	239	203	118	24.2	20.5	11.9
1971...........	11,744	4,963	245	201	132	20.9	17.1	11.2
1970...........	13,134	5,256	269	207	123	20.5	15,8	9.4
Average Annual								
1970 - 1974...	10,490	4,819	222	179	107	21.2	17.1	10.2
1965 - 1969...	14,461	5,465	281	225	162	19.4	15,6	11.2
1960 - 1964...	18,424	5,931	396	312	221	21.5	16.9	12.0
1955 - 1959...	19,989	5,975	426	350	257	21.3	17.5	12.9
1950 - 1954...	20,240	5,673	422	327	277	20.8	16.2	13.7
1945 - 1949...	18,702	5,547	481	379	306	25.7	20.3	16.4
1940 - 1944...	14,791	5,774	479	351	307	32.4	23.7	20.8

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[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
Total.....	9,885	5,243	491	1,330	7,064	270
Resident unknown	63	44	3	5	28	3
01.........	30	6	1	3	51	2
02.........	25	3	-	2	30	1
03.........	48	3	-	1	30	-
04.........	7	1	1	-	15	-
05.1.......	5	1	-	-	37	-
05.2.......	29	3	-	5	60	-
06.........	39	6	1	2	76	
07.........	44	2	2	1	93	-
08.........	61	16	-	5	69	-
09.........	47	1	-	3	56	1
10.1......	55	3	1	4	86	2
10.2.......	24	1	-	1	20	-
11.........	40	2	1	2	67	-
12.........	42	2	-	3	55	-
13.........	52	4	1	2	146	1

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
14.......	50	2	-	1	87	-
15.......	45	4	-	3	56	-
16.......	33	6	1	3	48	-
17.......	66	20	-	8	59	4
18.1.....	1	-	-	-	1	-
18.2.....	108	31	4	15	65	3
19.......	79	40	3	13	74	2
20.......	86	40	4	5	81	3
21.1.....	106	65	1	14	58	1
21.2.....	86	46	2	12	54	2
22.1.....	44	24	3	4	64	5
22.2.....	40	25	2	3	29	1
23.1......	51	30	2	8	57	1
23.2.....	-	-	-	-	122	-
24.......	52	31	3	2	55	1
25.1.....	34	22	1	5	38	-
25.2.....	83	39	5	10	69	3

Table 29 .--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
26.........	15	6	2	2	40	-
27.1.......	81	30	3	9	56	1
27.2.......	93	34	8	15	51	2
28.........	122	68	7	15	68	5
29..........	69	51	3	17	71	3
30..........	53	36	2	10	35	3
31..........	35	27	2	5	52	-
32..........	58	36	3	11	76	4
33.1........	68	47	4	10	72	3
33.2........	61	41	3	12	33	5
34..........	54	35	4	6	53	1
35..........	50	29	3	13	55	2
36..........	113	70	11	13	60	5
37..........	80	46	2	8	83	1
38..........	97	44	4	17	41	2
39..........	97	30	6	7	42	-
40..........	77	18	3	3	85	2
41..........	31	2	-	2	30	-

Table 29 .--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
42.1.......	79	47	9	12	53	1
42.2.......	31	6	1	3	32	1
43.........	48	28	1	7	54	1
44.........	68	50	5	11	54	1
45.........	31	23	3	3	36	-
46.........	70	45	9	15	72	2
47.........	85	63	3	15	62	1
48.1.......	61	49	1	14	69	5
48.2.......	53	39	4	5	45	1
49.1.......	45	33	1	5	51	3
49.2.......	36	24	4	9	49	1
50.........	80	41	5	10	124	5
51.........	16	5	1	1	28	1
52.1.......	59	19	2	7	59	2
52.2.......	9	-	-	-	8	-
53.1.......	57	17	1	3	34	-
53.2.......	2	1	-	-	13	-

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
54.1......	5	1	-	-	20	-
54.2......	6	3	1	-	11	-
55........	38	11	-	5	44	2
56........	16	2	-	2	42	-
57.1......	11	4	1	-	26	-
57.2......	2	-	-	1	5	1
58........	28	8	4	2	31	-
59........	24	19	2	4	40	-
60.1.......	29	13	1	5	8	-
60.2......	24	21	1	3	7	-
61........	12	2	-	3	6	1
62..........	1	1	-	-	-	-
63.1......	43	19	-	6	18	1
63.2......	-	-	-	-	-	-
64........	70	54	6	11	28	-
65.1......	11	2	-	-	11	-
65.2......	11	3	-	2	18	1

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
66.....	14	-	-	3	18	-
67.....	44	17	3	5	38	2
68.1...	45	33	2	7	50	-
68.2...	53	38	3	7	40	1
68.3...	1	-	-	-	1	-
69.....	38	23	4	6	41	2
70.1...	-	-	-	-	-	-
70.2...	35	19	2	3	21	-
71.....	80	59	3	10	55	2
72.....	71	54	13	13	42	2
73.1...	213	6	-	11	9	6
73.2...	111	66	2	17	30	-
73.3...	120	74	4	16	34	4
73.4...	96	59	2	15	27	1
73.6...	185	116	9	18	30	4
73.7...	154	63	2	19	40	2
73.8...	-	-	-	-	19	-

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
74.1...	101	80	5	12	34	5
74.2...	238	137	12	46	61	7
74.4...	135	89	4	30	32	3
74.5...	168	102	10	27	34	6
75.1...	159	98	10	26	47	8
75.3...	54	34	5	7	11	1
75.4...	10	2	1	3	8	-
75.5...	37	19	2	7	8	2
76.1...	105	67	5	16	50	-
76.3...	47	15	1	6	45	-
76.4...	45	18	4	3	21	2
76.5...	69	29	3	6	39	2
77.2...	81	46	5	10	42	1
77.3...	162	98	16	29	48	6
77.5...	260	163	25	34	94	4
77.6...	114	68	7	14	45	3
77.7...	69	38	6	8	29	1
77.8...	88	46	6	18	47	3

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
77.9...	17	8	2	3	15	-
78.1...	201	140	11	30	49	5
78.2...	69	33	4	13	62	1
78.3...	102	58	-	17	65	4
78.4...	83	67	8	10	39	7
78.5...	127	82	7	14	69	1
78.7...	50	30	3	3	23	-
78.8...	141	102	12	29	51	9
79.1...	77	50	5	11	61	3
79.2...	32	14	3	7	33	2
80.1...	45	32	1	6	52	1
80.2...	54	35	6	7	48	4
81.....	52	24	2	13	38	2
82.1....	9	1	-	-	8	-
82.2...	23	5	1	2	19	-
83.3...	5	4	-	-	11	-
83.4...	35	20	5	6	34	4

Table 29..--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
83.5,..	4	4	-	2	5	-
83.6...	32	18	3	2	24	-
84.1...	15	13	2	2	7	1
84.2...	92	58	3	9	67	5
85.....	72	52	6	12	88	2
86.1...	5	4	3	-	2	-
86.2...	4	2	-	-	10	-
87.....	99	68	5	18	75	3
88.1...	91	65	4	14	67	4
88.2...	76	41	3	15	65	1
89.1...	56	36	4	11	30	1
89.2...	69	46	-	8	50	1
90.....	33	17	1	7	35	2
91.1...	54	24	1	3	40	-
91.2...	106	69	6	15	39	3
92.....	109	63	2	16	81	1
93.....	89	54	2	9	93	1

Table 29..--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1977 (Continued)

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
94.....	46	18	-	5	64	2
95.1...	69	28	1	10	15	1
95.2...	62	22	3	7	53	-
95.3...	23	10	-	6	46	3
95,5...	28	14	2	6	32	-
95.7...	24	12	-	3	9	-
95.8...	26	8	1	5	21	-
96.....	10	9	-	-	36	-
97.....	122	77	6	18	22	5
98.....	155	103	7	20	34	5

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[1] With birth weight of 2,500 grams or less

Table 30.--RECORDED DEATHS FROM ACCIDENTAL CAUSES BY AGE AND TYPE OF ACCIDENT: DISTRICT OF COLUMBIA, 1977

Type of accident	Age (in years)						
	Total	Under 5	5-14	15-24	25-44	45-64	65 and over
Total[1]	291	17	21	29	61	77	86
Work	10	-	-	1	6	2	1
Construction	2	-	-	-	1	1	-
Transportation and public utilities	3	-	-	-	3	-	-
Service	3	-	-	-	2	1	-
Government	2	-	-	1	-	-	1
Home	145	11	4	5	20	43	62
Poisonings (gas excepted)	4	1	-	1	1	1	-
Poisonings by gases and vapors	1	-	-	-	-	1	-
Falls	73	-	-	-	7	27	39
Fires	36	-	2	3	5	10	16
Drowning	5	1	-	-	2	1	1
Suffocation, ingested food or object	9	-	-	-	2	2	5
Suffocation, mechanical	10	8	-	-	1	-	1
Firearms	1	-	1	-	-	-	-
Other and unspecified home accidents	6	1	1	1	2	1	-
Motor vehicle	85	5	14	17	19	20	10
Injury to pedestrian	38	2	12	3	3	10	8
Injury to pedal cyclist	4	-	2	-	1	1	-
Collision with other motor vehicle	18	2	-	5	7	3	1
Collision with fixed object	1	-	-	-	1	-	-
Noncollision	20	1	-	7	7	5	-
Other and unspecified accidents	4	-	-	2	-	1	1
Public non-motor vehicle	43	1	3	6	16	11	6
Air transport	15	-	-	-	7	5	3
Fires	6	-	-	-	4	2	-
Drowning	9	-	2	3	3	1	-
Other and unspecified public accidents	13	1	1	3	2	3	3
Type of accident unknown	8	-	-	-	-	1	7

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[1] Includes deaths occurring within the District of Columbia of residents and non-residents.

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Vital Statistics Summary 1978

Government of the District of Columbia
Marion Barry, Jr. Mayor

The Department of Human Services does not discriminate on the basis of race, color, national origin, or handicap

Vital Statistics Summary
1978

A Report of the Department of Human Services

James A. Buford
Director

Office of Policy and Planning
Barbara Sabol, Chief

SYMBOLS USED IN TABLES

Data not Available	---
Not Applicable	...
Rate not Computed Because of Small Frequency	..
Quantity Zero in Frequency Tables	—
Denominator Zero in Rate or Percent Tables	—
Numerator Zero in Rate or Percent Tables	0

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VITAL STATISTICS SUMMARY
1978

INTRODUCTION

This is a report on vital events (live births, deaths and fetal deaths) for the District of Columbia in calendar year 1978. Although data are included on events occurring within the District to non residents, primary emphasis is on events occurring to District of Columbia residents. The report was prepared by Warren W. Morse with the assistance of Mary E. Byrnes, under the direction of Grover H. Chamberlain, Acting Chief, Research and Statistics Division, Office of Policy and Planning, Department of Human Services. Tables and Text were verified by Ms. Josie Dyson.

SOURCE OF DATA. Vital statistics are derived entirely from live birth, death and fetal death certificates. All live births and deaths occurring within the District of Columbia are registered with the Vital Records Section, Research and Statistics Division, Department of Human Services, as are known fetal deaths of 20 weeks or more gestation. Vital events occurring to District residents in other States are registered in those States, and copies are sent to the Vital Records Section through a nationwide interchange system.

Vital statistics shown for 1954-1978 have been tabulated by this Division. Statistics for events occurring prior to 1954 were obtained from the National Center for Health Statistics.

The statistics for 1978 cover all 1978 events for which certificates were filed or transcripts received from other States before May 15, 1979. The number of certificates excluded for 1978 or any other year because of late filing is considered negligible for statistical purposes.

REGISTRATION COMPLETENESS. The registration of live births and of deaths in the District of Columbia is considered to be virtually complete. The degree of registration completeness for fetal deaths is not known. D.C. law requires registration only for 20 weeks or over gestation and since the gestation period cannot always be calculated exactly some reportable fetal deaths are probably not registered. It is also possible that some of those which are registered are actually of less than 20 weeks gestation.

CALCULATION OF RATES. Death, birth and fertility rates are based on enumerated population as of April 1 for census years, and on estimated population as of July 1 for all other years. These rates are expressed per 1,000 population except for death rates by cause of death, which are per 100,000 population. Rates are per 1,000 live births for infant deaths, per 10,000 live births for maternal deaths, and per 1,000 deliveries (live births plus fetal deaths) for fetal deaths and perinatal deaths. Comparability of trend data for birth and death rates is limited by the difficulties in preparing reliable estimates of population for intercensal years.

AVAILABILITY OF ADDITIONAL DATA. More detailed information on vital events for 1978 or prior years is available on request from the Chief, Research and Statistics Division, Department of Human Services, 614 H Street, N.W., Washington, D.C. 20001.

DEFINITIONS. Terms used in this report are defined as follows: Residence is defined as that of the deceased for a death and as that of the mother for a birth or fetal death. Deaths and births in institutions located in the District are allocated to the place of previous residence regardless of length of stay in the institution. All tables refer to resident events except as noted. Most tables refer to resident events which include birth and death certificates received for residents of the city irrespective of where the event occurred. The tables referring to recorded events include births and deaths which occurred in the District of Columbia irrespective of the place of residence given on the certificates.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

An immature birth is one for which the birth weight is 2,500 grams or less (5 pounds, 8 ounces or less), regardless of the period of gestation.

A premature birth is one which occurred prior to 37 weeks gestation.

An out-of-wedlock birth is one which occurred to a mother who was separated from spouse or not married at the time of birth and had not been living with spouse or married any time during the preceding 10 months.

A fetal death is defined as death, prior to the complete expulsion or extraction from its mother, of a product of human conception of 20 weeks or more duration of pregnancy; the death is indicated by the fact that after such expulsion or extraction the fetus never breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movements of voluntary muscles.

An infant death is the death of a child under one year of age.

A neonatal death is the death of a child under 28 days of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury[1]. It is the responsiblity of the certifying

[1] Manual of the International Statistical Classification of Disease, Injuries, and Cause of Death, Seventh Revision, 1955, Volume 1, page 357.

physician or medical examiner to indicate the underlying cause, and it is the responsibility of the Research and Statistics Division to assign the proper code number so that deaths may be classified by cause. Starting with the 1968 report, causes of death are coded under the provisions of the "Eighth Revision International Classification of Diseases, adapted for use in the United States" (ICDA).

Leading Causes of Death

Cause-of-death ranking is based on the List of 69 Selected Causes of Death, adapted from one of the special lists for mortality tabulations recommended by the World Health Organization for use with the Eighth Revision of the International Classification of Diseases. Two group titles - Major cardiovascular diseases and Symptoms and ill-defined conditions - are not ranked. In addition, category titles that begin with words "Other" or "All other" are not ranked. The remaining titles are ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (e.g., Tuberculosis, all forms), its component parts (in this case of Tuberculosis of respiratory system and Tuberculosis, other forms) are not ranked.

Race: When the word "Black" is used in this report, either in tables or text, it means "Black and other non-white races". In 1970 approximately one percent of the total population was neither black nor white:

Rates used in this report are defined as outlined below:

$$\text{Birth rate} \quad \frac{\text{Number of live births}}{\text{Estimated midyear population,}} \quad \text{X } 1{,}000$$

$$\text{Out-of-wedlock ratio} \quad \frac{\text{Number of out-of-wedlock births}}{\text{Number of live births}} \quad \text{X } 1{,}000$$

Age-specific birth rate	$\frac{\text{Number of live births to women in specific age group}}{\text{Estimated midyear female population in that age group}}$	X 1,000
Fertility rate	$\frac{\text{Number of live births}}{\text{Estimated midyear female population 15-44 years old}}$	X 1,000
Death rate	$\frac{\text{Number of deaths}}{\text{Estimated midyear population}}$	X 1,000 (or 100,000) as specified
Age-specific death rate	$\frac{\text{Number of deaths in specific age group}}{\text{Estimated midyear population in that age group}}$	X 100,000
Infant death rate	$\frac{\text{Number of deaths under one year of age}}{\text{Total number of live births}}$	X 1,000
Neonatal death rate	$\frac{\text{Number of deaths under 28 days of age}}{\text{Total number of live births}}$	X 1,000
Fetal death ratio	$\frac{\text{Number of fetal deaths (gestation 20 weeks or over)}}{\text{Total number of live births}}$	X 1,000
Maternal death rate	$\frac{\text{Number of deaths due to Complication of Pregnancy, Childbirth, and Puerperium}}{\text{Total number of live births}}$	X 10,000

Age-adjusted death rates - The direct method of age adjustment has been used with the 1940 U.S. enumerated population as the standard. Age-adjusted rates facilitate the comparison of rates among different population groups and at different times by removing the effect of differences in age composition. Therefore, it is important to realize that the rates are largely dependent upon the choice of the standard population and must only be used in comparision to rates using the same standard. These rates should not not be quoted out of context and should be used for comparative purposes only in relation to other age-adjusted rates computed with the same standard.

Ward - In 1976 the eight election wards became the major geographic subdivisions of the city. Figure 1 shows the boundaries of the eight wards.

Table and Chart Identification - Text tables are identified by letters of the alphabet; charts are Figures 1, 2, etc.; and reference tables are identified by number.

POPULATION

The estimated population for 1978, by age, race and sex, is shown in Table 1.

The major vital statistics for District of Columbia residents are shown in Table A for 1978 and the eight preceding years, 1970-1977. Also included are the total numbers of births and deaths occurring in the District to residents and non-residents and the numbers occurring to residents outside the District. Many of the birth statistics for 1978 alone are shown by ward in Table B.

LIVE BIRTHS

From 1970 through 1978 there was a steep decline in the number of resident live births, from 14,960 to 9,372, a drop of 37.4 percent. Changes in the numbers of births are important for planning purposes, since the numbers determine the need for obstetrical and infant care facilities and for the health personnel specializing in maternal and infant care. In addition, changes in the numbers of births are watched closely by demographers. The question arises, therefore, of whether a continued decline in births can be predicted on the basis of recent trends.

Parenthetically, it should be noted that the trend data do not indicate a lessening of total need for obstetrical and infant care facilities or personnel. Total births occurring in the District dropped from 28,141 in 1970 to 20,696 in 1973, but the number has stabilized since then. The question of future needs would refer only to prenatal and post-discharge maternal and infant care for District residents.

During this period, 1970-1978, there was a decline of 10.6 percent in total District population but this does not explain the drop in resident live births. The number of women of childbearing age was 178,000 in 1978, a decline of only 1.9 percent since 1970. In other words, there was very little change in the number of women "at risk" of giving birth - the great change was in the rate of doing so. This is measured by the fertility rate - the number of births per 1,000 women aged 15-44 years - which has dropped by 36.1 percent since 1970.

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978

Year	Live births						Live births		
	Total		Black		White				
	Number	Rate*	Number	Rate*	Number	Rate*	Male	Female	Sex ratio*
1978..	9,372	13.9	8,004	15.9	1,368	7.9	4,728	4,644	1,018
1977..	9,885	14.3	8,515	16.4	1,370	8.0	4,985	4,900	1,017
1976..	9,635	13.6	8,293	15.4	1,342	7.9	4,874	4,761	1,024
1975..	9,746	13.5	8,462	15.1	1,284	7.9	4,942	4,804	1,029
1974..	10,037	13.8	8,737	15.6	1,300	7.7	5,105	4,932	1,035
1973..	10,837	14.7	9,413	16.8	1,424	8.0	5,572	5,265	1,058
1972..	11,886	15.8	10,518	18.6	1,368	7.3	5,989	5,897	1,016
1971..	13,914	18.5	12,131	21.9	1,783	8.9	7,082	6,832	1,037
1970..	14,960	19.8	13,091	24.0	1,869	8.9	7,664	7,296	1,050

* Rate per 1,000 population

* Ratio of Males per 1,000 Females

TABLE A.--VITAL STATISTICS SUMMARY SHEET:
DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Deaths - all ages						Infant deaths					
	Total		Black		White		Total		Black		White	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
1978..	6,959	10.3	4,776	9.5	2,183	12.6	242	25.8	229	28.6	13	9.5
1977..	7,064	10.2	4,828	9.3	2,236	13.0	270	27.3	251	29.5	19	13.9
1976..	7,238	10.2	4,940	9.2	2,298	13.6	240	24.9	230	27.7	10	7.5
1975..	7,446	10.3	5,018	9.0	2,428	14.9	279	28.6	254	30.0	25	19.5
1974..	7,815	10.7	5,200	9.3	2,615	15.5	277	27.6	255	29.2	22	16.9
1973..	8,017	10.8	5,172	9.2	2,845	15.9	276	25.5	245	26.0	31	21.8
1972..	8,313	11.0	5,419	9.8	2,894	14.4	323	27.2	296	28.1	27	19.7
1971..	8,405	11.2	5,429	9.8	2,976	14.8	396	28.5	368	30.3	28	15.7
1970..	8,690	11.5	5,360	9.8	3,330	15.9	432	28.9	389	29.7	43	23.0

* Rate per 1,000 population

* Rate per 1,000 Live Births

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Perinatal deaths (Fetal Plus Neonatal)						Maternal deaths					
	Total		Black		White		Total		Black		White	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
1978..	316	33.2	293	36.0	23	16.7	-	0	-	0	-	0
1977..	363	36.1	341	39.3	22	16.0	3	3.0	3	3.5	-	0
1976..	362	36.9	342	40.5	20	14.7	2	2.1	2	2.4	-	0
1975..	369	37.3	336	39.1	33	25.5	4	4.1	4	4.7	-	0
1974..	356	35.0	323	36.4	33	25.1	4	4.0	4	4.6	-	0
1973..	349	31.8	326	34.2	37	25.7	2	1.8	2	2.1	-	0
1972..	485	40.0	429	40.0	56	39.9	2	1.7	2	1.9	-	0
1971..	560	40.8	513	41.5	67	36.6	4	2.9	3	2.5	1	5.6
1970..	597	39.2	531	39.9	66	34.8	11	7.4	10	7.6	1	5.4

* Rate per 1,000 deliveries

* Rate per 10,000 live births

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Low birth weight births (birth weight under 2501 grams)						First order births					
	Total		Black		White		Total		Black		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1978...	1,239	13.2	1,143	14.3	96	7.0	4,372	46.6	3,631	45.4	741	54.2
1977...	1,330	13.5	1,239	14.6	91	6.6	4,633	46.9	3,886	45.6	747	54.5
1976...	1,217	12.6	1,136	13.7	81	6.0	4,674	48.5	3,917	47.2	757	56.4
1975...	1,333	13.7	1,255	14.8	78	6.1	4,739	48.6	4,007	47.4	732	57.0
1974...	1,325	13.2	1,245	14.2	80	6.2	4,881	48.6	4,148	47.5	733	56.4
1973...	1,349	12.4	1,256	13.3	93	6.5	5,343	49.3	4,553	48.4	790	55.5
1972...	1,490	12.5	1,407	13.4	83	6.1	5,666	47.7	4,942	47.0	724	52.9
1971...	1,731	12.4	1,631	13.4	100	5.6	6,431	46.2	5,424	44.7	1,007	56.5
1970...	1,959	13.1	1,795	13.7	164	8.8	6,799	45.4	5,768	44.1	1,031	55.2

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Neonatal deaths						Fetal deaths					
	Total		Black		White		Total		Black		White	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
1978..	179	19.1	168	21.0	11	8.0	137	14.4	125	15.4	12	8.7
1977..	203	20.3	189	22.2	14	10.2	160	15.9	152	17.5	8	5.8
1976..	193	20.0	188	22.7	5	3.7	169	17.2	154	18.2	15	11.1
1975..	220	22.6	198	23.4	22	17.1	149	15.1	138	16.0	11	8.5
1974..	216	21.5	196	22.4	20	15.4	140	13.8	127	14.3	13	9.9
1973..	208	19.2	185	19.7	23	16.2	141	12.8	127	13.3	14	9.7
1972..	235	19.8	213	20.3	22	16.1	250	20.6	216	20.1	34	24.3
1971..	294	21.1	273	22.5	21	11.8	286	20.1	240	19.4	46	25.2
1970..	339	22.7	303	23.1	36	19.3	258	17.0	228	17.1	30	15.8

* Rate per 1,000 Live Births

* Rate per 1,000 deliveries

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Out-of-wedlock births						Fertility Rate (Per 1,000 women 15-44 years)		
	Total		Black		White				
	Number	Percent	Number	Percent	Number	Percent	Total	Black	White
1978...	5,186	55.3	5,016	62.7	170	12.4	52.7	58.2	33.9
1977...	5,243	53.0	5,074	59.6	169	12.3	55.0	60.6	35.1
1976...	5,065	52.6	4,886	58.9	179	13.3	53.1	57.6	35.7
1975...	4,988	51.2	4,822	57.0	166	12.9	54.6	59.4	35.7
1974...	4,994	49.8	4,801	55.0	193	14.8	55.5	61.4	33.7
1973...	5,061	46.7	4,856	51.6	205	14.4	60.1	67.1	33.5
1972...	5,509	46.3	5,359	51.0	150	11.0	65.6	75.9	32.1
1971...	5,974	42.9	5,740	47.3	234	13.1	76.5	89.6	38.4
1970...	6,104	40.8	5,855	44.7	249	13.3	82.5	97.1	40.1

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Births to mothers under 20 years of age						Births to mothers under 18 years of age					
	Total		Black		White		Total		Black		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1978..	2,087	22.3	2,013	25.1	74	5.4	968	10.3	933	11.7	35	2.6
1977..	2,253	22.8	2,188	25.7	65	4.7	1,053	10.7	1,030	12.1	23	1.7
1976..	2,356	24.5	2,264	27.3	92	6.9	1,107	11.5	1,070	12.9	37	2.8
1975..	2,636	27.0	2,523	29.8	113	8.8	1,232	12.6	1,178	13.9	54	4.2
1974..	2,809	28.0	2,684	30.7	125	9.6	1,343	13.4	1,285	14.7	58	4.5
1973..	3,028	27.9	2,903	30.8	125	8.8	1,499	13.8	1,437	15.3	62	4.4
1972..	3,386	28.5	3,314	31.5	72	5.3	1,657	13.9	1,635	15.5	22	1.6
1971..	3,822	27.5	3,682	30.4	140	7.9	1,783	12.8	1,746	14.4	37	2.1
1970..	4,007	26.8	3,851	29.4	156	8.3	1,861	12.4	1,820	13.9	41	2.2

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1978, CONTINUED

Year	Recorded events-in D.C.		Resident events-outside D.C.	
	Births	Deaths	Births	Deaths
1978..............	19,743	8,755	413	649
1977..............	20,653	8,987	436	621
1976..............	19,916	9,183	431	716
1975..............	19,826	9,423	359	731
1974..............	19,865	9,786	337	814
1973..............	20,696	9,850	383	927
1972..............	22,600	10,153	413	961
1971..............	25,932	10,291	473	1,024
1970..............	28,141	10,526	562	1,105

Table B.--NUMBER AND PRECENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT OF WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1978

Race & Selected Characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	unknown
All Races										
Total live births.....	9,372	1,280	977	629	970	1,158	1,099	1,423	1,812	24
Percent distribution..	100.0	13.7	10.4	6.7	10.3	12.4	11.7	15.2	19.3	0.3
Out-of-wedlock births										
Number...............	5,186	680	561	90	469	741	667	897	1,070	11
Ratio per 1,000 live births.............	553.4	531.3	574.2	143.1	483.5	639.9	606.9	630.4	590.5	458.3
Premature births[1]										
Number...............	1,406	211	152	40	144	189	185	220	262	3
Percent of total births.............	15.0	16.5	15.6	6.4	14.8	16.3	16.8	15.5	14.5	12.5
Percent distribution.	100.0	15.0	10.8	2.8	10.2	13.4	13.2	15.6	18.6	0.2
Immature births[2]										
Number...............	1,239	176	122	42	125	157	156	202	256	3
Percent of total births.............	13.2	13.8	12.5	6.7	12.9	13.6	14.2	14.2	14.1	12.5
Percent distribution.	100.0	14.2	9.8	3.4	10.1	12.7	12.6	16.3	20.7	0.2
Inadequate prenatal care[3]										
Number...............	719	92	98	39	64	91	114	96	123	2
Percent of total births.............	7.7	7.2	10.0	6.2	6.6	7.9	10.4	6.7	6.8	8.3
Percent distribution.	100.0	12.8	13.6	5.4	8.9	12.7	15.9	13.4	17.1	0.3

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table B.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT OF WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1978

Race & Selected Characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	unknown
Black										
Total live births.....	8,004	1,059	794	109	902	1,120	980	1,381	1,640	19
Percent distribution..	100.0	13.2	9.9	1.4	11.3	14.0	12.2	17.3	20.5	0.2
Out-of-wedlock births										
Number...............	5,016	635	537	48	454	734	658	886	1,054	10
Ratio per 1,000 live births.............	626.7	599.6	676.3	440.4	503.3	655.4	671.4	641.6	642.7	526.3
Premature births[1]										
Number..............	1,316	194	134	12	135	188	177	218	255	3
Percent of total births..............	16.4	18.3	16.9	11.0	15.0	16.8	18.1	15.8	15.5	15.8
Percent distribution.	100.0	14.7	10.2	0.9	10.3	143	13.4	16.6	19.4	0.2
Immature births[2]										
Number...............	1,143	159	112	13	114	156	149	199	239	2
Percent of total births.............	14.3	15.0	14.1	11.9	12.6	13.9	15.2	14.4	14.6	10.5
Percent distribution.	100.0	13.9	9.9	1.1	10.0	13.6	13.0	17.4	20.9	0.2
Inadequate prenatal care[3]										
Number...............	625	68	80	13	56	86	112	91	118	1
Percent of total births.............	7.8	6.4	10.1	11.9	6.2	7.7	11.4	6.6	7.2	5.3
Percent distribution.	100.0	10.9	12.8	2.1	9.0	13.8	17.9	14.6	18.9	0.2

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[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table B.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT OF WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1978

Race & Selected Characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	unknown
White										
Total live births.....	1,368	221	183	520	68	35	119	42	172	5
Percent distribution..	100.0	16.2	13.4	38.0	5.0	2.8	8.7	3.1	12.6	0.4
Out-of-wedlock births										
Number...............	170	45	24	42	15	7	9	11	16	1
Ratio per 1,000 live births..............	124.3	203.6	131.1	80.8	220.6	184.2	75.6	261.9	93.0	200.0
Premature births[1]										
Number...............	90	17	18	28	9	1	8	2	7	-
Percent of total births..............	6.6	7.7	9.8	5.4	13.2	2.6	6.7	4.8	4.1	-
Percent distribution.	100.0	18.9	20.0	31.1	10.0	1.1	8.9	2.2	7.8	-
Immature births[2]										
Number...............	96	17	10	29	11	1	7	3	17	1
Percent of total births..............	7.0	7.7	5.5	5.6	16.2	2.6	5.9	7.1	9.9	20.0
Percent distribution.	100.0	17.7	10.4	30.2	11.5	1.0	7.3	3.1	17.7	1.0
Inadequate prenatal care[3]										
Number...............	94	24	18	26	8	5	2	5	5	1
Percent of total births..............	6.9	10.9	9.8	5.0	11.8	13.2	1.7	11.9	2.9	20.0
Percent distribution.	100.0	25.5	19.1	27.7	8.5	5.3	2.1	5.3	5.3	1.1

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

It can be seen from the above figures that any projections of future birth trends would be behavioral rather than statistical since the potential exists for a reversal of the trend. There are, however, some demographic characteristics of births which would enter into an assessment of future childbearing behavior, and these are discussed below.

Out-of-wedlock births.--From 1970 to 1978 the number of infants born out of wedlock dropped 15.0 percent from 6,104 to 5,186 while the number born to married women dropped 52.7 percent, from 8,856 to 4,186. If it is assumed that the proportion of women of childbearing age who are married remained fairly constant it can be seen that the overall decline in births has resulted primarily from decisions by married women.

It can be seen in Table A that the number of out-of-wedlock births declined each year from 1970 to 1975, when it was 4,988, and remained about the same in 1976. The numbers of 5,243 and 5,186 out-of-wedlock births in 1977 and 1978 respectively show that projections of this statistic into the future would be difficult.

Age of mother.--Each year women aged 20-24 years have more births than women in any other five-year age group and the decline in births in this age group from 1970 to 1978, 41.9 percent, is comparable to the decline in total births. During this period there was a shift in the proportional distribution of births by age, women aged 25-29 years having replaced those 15-19 as the second most prolific age group and the number of births to women under 20 years dropped 47.9 percent compared with a drop of only 21.2 percent in births to women 30 years and older.

These shifts reflect different distributions of women by age. In this childbearing age group in both 1970 and 1978 there were more women aged 20-24 than in any other five-year group but the group with the next highest number of women changed from 15-19 years in 1970 to 25-29 years in 1978. Unless offset by population gains or losses through migration, within five years (by 1983) the most populous age groups will be 25-29 and 30-34 years.

In the absence of gain or loss through migration, females aged 10-39 years in 1978 will be 15-44 years old in 1983. If at each five year age group the birth rate is the same then as it was in 1978 there will be 8,778 live births, plus about 100 to mothers of less than 15 years, 45 years or older, or of unknown age.

Although the number of births to teen-age mothers dropped by 47.9 percent since 1970 these births still constitute a substantial proportion of total births to District residents. Numbers of births, and what percent they were of the total, are shown in Table A for mothers 17 years and under and mothers 19 years and under. It can be seen that since 1974 the percent figures declined each year.

Low birth weight.--The major indicator of poor pregnancy outcome is low birth weight, defined as 2,500 grams or less. It can be seen in Table A that 13.2 percent of all District infants were of low birth weight in 1978, and that in spite of some year-by-year fluctuation there were no large changes after 1970. The incidence of low birth weight was more than twice as high among blacks as among whites, in 1971 and each succeeding year.

That the incidence of low birth weight is relatively high in the District can be seen by comparing it with the national incidence. The 1978 national figures are not yet available, but the following figures for 1977 serve to illustrate the extent of the District's "excess" low birth weight:

Percentage of Infants 2,500 Grams or Less at Birth, 1977

	Total	Black	White
D.C.	13.5	14.6	6.6
U.S.	7.1	12.8	5.9

As can be seen, the District's incidence was higher for both black and white infants, by 14.1 percent and 11.9 percent, respectively. The fact that the District's overall incidence was 90.1 percent above the national figure is explained by the much greater proportion of our births which are black - 86.1 percent in 1977 compared with 16.4 percent nationally.

The distribution of District resident births in 1978 by detailed birthweight categories, shown as rates per 1,000 live births, are compared in Table C with the 1977 distribution of all national births. In every low birth weight category, and at 2,501-3,000 grams, the District's incidence of low birth weight is higher than the national averages. At 3,001-3,500 grams the District's incidence was virtually the same as the national rate and, at 4,001-5,000 grams the U.S. incidence was about twice that of the District.

Gestational age.--Prematurity (i.e. birth before the completion of 37 weeks of gestation) is closely associated with low birth weight although some prematures weigh more than 2,500 grams at birth and some low birthweight babies are full term. In 1978 there were 1,406 known prematures, 15.0 percent of total births. This figure is an understatement, since length of gestation is unknown for 808 births. For the 8,564 births of known gestational age, 16.4 percent were premature, and the assumption that the 808 births for whom this was not stated did not differ on gestational age from those for whom it was reported, this figure can be taken as more accurate.

The computation of gestational age is based on the mother's report of the first day of the last normal menses, and there has been no study of the reliability of this reporting. One source of inaccuracy is that when a month is given, but no day, it is coded as the 15th of the month in order to reduce the number of unknowns.

Trends in live birth order.--From 1970 to 1978 the number of live births dropped 37.4 percent although the number of women of childbearing age declined by only 1.9 percent. In the first four years of this period, 1970-1973, the decline was noted most strongly among third and higher order births. As a result, first order births rose from being 45.4 percent of all births in 1970 to 49.3 percent in 1973.

Table C.- DISTRIBUTION (Per 1,000) OF LIVE BIRTHS BY BIRTH WEIGHT: DISTRICT OF COLUMBIA, 1978 AND UNITED STATES, 1977

Birth Weight (in grams)	District of Columbia 1978	United States 1977
Total.....	1,000.0	1,000.0
500 or less..	6.6	0.9
501-1,000....	10.7	4.3
1,001-1,500..	14.1	6.1
1,501-2,000..	27.0	13.7
2,001-2,500..	75.2	45.6
2,501-3,000..	239.6	170.2
3,001-3,500..	374.1	374.0
3,501-4,000..	201.1	282.8
4,001-5,000..	49.1	98.4
5,001 or more	0.4	2.0

Birth order data are shown in Table D for the years 1970 to 1978. It can be seen that from 1974 on the decline has been greatest among first order births. Suprisingly, the number of third and fourth order births increased each year from 1974 to 1977 and, although the numbers decreased again in 1978, were still higher than they had been in 1974. It can be seen that first order births (which represent new family starts) actually increased from 1976 to 1977, counter to an otherwise unbroken downward trend, before falling to a new low in 1978.

The figures in Table D illustrate the difficulty of making predictions about future birth trends among District residents. There may be a slight tendency to increase family size among the ever fewer women who have babies at all so that if new family starts stabilize, i.e., do not drop, there may be an upturn in the number of births. The data, however, do not give any firm basis for making predictions.

In Table 6 the detailed birth order figures are shown, by race, for single years from 1975 to 1978 and as annual averages for the three five-year periods from 1960 through 1974. Births by birth order and age of mother are shown for total, single and plural births in Table 7, and, for total births only, by race in Tables 8 and 9.

Ward data.--The distribution of births in 1978, and the incidence of selected high risk characteristics, are shown by race and ward in Table B. The incidence of each risk characteristic was lowest in Ward 3 but the only other clear-cut generalization to be made is that Ward 6 ranked highest on the percent of births which were premature or had no or inadequate prenatal care, and was tied with Ward 7 for highest percentage of low birth weight births.

If the wards were given a composite ranking on these four risk factors (which would assume that all factors were of equal importance), Ward 6 would rank highest in the incidence of risk, with Wards 5, 7 and 1 ranking second, third and fourth. In descending order, the four lowest risk wards would be wards 2,8,4 and 3.

Table D.--NUMBER AND PERCENT DISTRIBUTION OF BIRTHS BY LIVE BIRTH ORDER: DISTRICT OF COLUMBIA, 1970-1978

Year	Total	Live Birth Order				
		First	Second	Third	Fourth	all other *
1978						
Number....	9,372	4,372	2,626	1,284	559	531
Percent...	100.0	46.6	28.0	13.7	6.0	5.7
1977						
Number....	9,885	4,633	2,741	1,348	603	560
Percent...	100.0	46.9	27.7	13.6	6.1	5.7
1976						
Number....	9,635	4,587	2,632	1,237	594	585
Percent...	100.0	47.6	27.3	12.8	6.2	6.1
1975						
Number....	9,746	4,739	2,723	1,190	535	559
Percent...	100.0	48.6	27.9	12.2	5.5	5.7
1974						
Number....	10,037	4,881	2,768	1,224	548	616
Percent...	100.0	48.6	27.6	12.2	5.5	6.1
1973						
Number....	10,837	5,343	2,859	1,317	640	678
Percent...	100.0	49.3	26.4	12.2	5.9	6.3
1972						
Number....	11,886	5,666	3,126	1,480	748	866
Percent...	100.0	47.7	26.3	12.5	6.3	7.3
1971						
Number....	13,914	6,431	3,665	1,760	911	1,147
Percent...	100.0	46.2	26.3	12.6	6.5	8.2
1970						
Number....	14,960	6,799	3,801	1,934	1,058	1,368
Percent...	100.0	45.4	25.4	12.9	7.1	9.1

* Includes statistically insignificant numbers of births of not stated birth order. For example, there were 10 in 1978.

DEATHS

The number of deaths declined each year from 9,690 in 1970 to 6,959, an over-all drop of 19.9 percent. In the same period, the crude death rate dropped 10.4 percent, from 11.5 per 1,000 population in 1970 to 10.3 in 1978. In other words, about half the numerical drop resulted from the drop in population.

Age-adjusted death rates.—It is obvious that the chances of dying are related to age, so that over a period of years changes in the death rate may reflect only changes in a population's age distribution. The effect of such changes is accounted for by calculating age-adjusted death rates(see Definitions). The age-adjusted death rates in Table E show what the death rates would have been in the years 1970 to 1978 if in each of these years the total population and the race and sex groups had had the same age distribution as the United States population in 1940.

It can be seen from this table that from 1970 to 1978 there was a "real" drop of 20.0 percent in the force of mortality, and there were decreases of various magnitude for each race sex group. It can also be seen that throughout this period death rates were higher for males than for females, regardless of race, and higher for blacks than for whites, regardless of sex.

The percent decrease is also shown for 1970 to 1977 to permit comparision with the United States age-adjusted death rates shown in Table F. National mortality data are not yet available by race and sex for 1978. The difference between the District's rate of 8.2 per 1,000 population in 1977 and the national rate of 6.1 is a measure of excess mortality in the District. As can be seen, this excess was in deaths of blacks, particularly black males. The age-adjusted death rate for District black males in 1977 was 55.6 percent higher than the national rate for all males, compared with an excess nationally for black males of 29.6 percent over the national rate for all males.

Table E.--AGE ADJUSTED DEATH RATES BY RACE AND SEX: DISTRICT OF COLUMBIA, 1970-1978

Year	All Races			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1978.........	8.0	10.9	6.0	9.4	12.7	6.9	5.5	7.3	4.4
1977.........	8.2	11.0	6.1	9.5	12.6	7.1	5.9	7.6	4.7
1976.........	8.3	11.1	6.2	9.7	12.9	7.2	5.6	7.3	4.5
1975.........	8.7	11.6	6.5	9.7	12.9	7.2	6.8	8.7	5.5
1974.........	9.2	12.3	7.0	10.2	13.5	7.6	7.1	9.4	5.6
1973.........	9.3	12.1	7.1	10.2	13.3	7.7	7.5	9.6	6.2
1972.........	9.6	12.4	7.5	10.8	13.9	8.2	7.3	9.4	5.9
1971.........	9.8	12.6	7.5	10.7	13.7	8.3	7.6	10.1	5.9
1970.........	10.0	12.9	7.7	11.0	14.0	8.5	8.0	10.4	6.4
Percent decrease......									
1970-1978.....	20.0	15.5	22.1	14.5	9.3	18.8	31.3	29.8	31.3
1970-1977.....	18.0	14.7	20.8	13.6	10.0	16.5	26.3	26.9	26.6

Table F.--AGE ADJUSTED DEATH RATES BY RACE AND SEX: UNITED STATES, 1970-1978

Year	All Races			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1978.........	6.1*								
1977.........	6.1	8.1	4.5	8.1	10.5	6.2	5.9	7.8	4.3
1976.........	6.3	8.3	4.6	8.3	10.7	6.4	6.0	8.0	4.4
1975.........	6.4	8.5	4.7	8.5	11.0	6.5	6.1	8.1	4.5
1974.........	6.7	8.8	4.9	9.0	11.5	6.9	6.4	8.4	4.7
1973.........	6.9	9.1	5.1	9.5	12.1	7.4	6.6	8.7	4.8
1972.........	7.0	9.2	5.2	9.7	12.3	7.5	6.7	8.8	4.9
1971.........	7.0	9.2	5.2	9.6	12.1	7.5	6.7	8.8	4.9
1970.........	7.1	9.3	5.3	9.8	12.3	7.7	6.8	8.9	5.0
Percent decrease.....									
1970-1978....	14.1*								
1970-1977....	14.1	12.9	15.1	17.3	14.6	19.5	13.2	12.4	14.0

* Provisional, based on 10 percent sample not available by race or age.

Excess mortality.--How many of the District's deaths in 1978 were excess when compared with the national average? If the United States death rates for each five year age group are applied to the District populations in those age groups, the result is the number of deaths the District would have had if the U.S. and District death rates had been the same at every age. These are called the expected deaths. This has been done for all age groups from 1-4 years through 60-64. It has not been done for persons 65 years and over since their five year group estimates are not available for the District. The District's 1978 population figures were used in conjunction with the national rates for 1977.

At ages 1-4 years, the District's death rate was about the same as the U.S. rate, and at ages 5-9 the District had 22 deaths compared with an expected total of 17, an excess of 5. For the three age groups from 10 to 24 years, the District rates were lower than the national ones, resulting in 49 fewer deaths than expected (116 deaths instead of 165). For each age group from 25 through 64, however, the District rates were higher, with an excess of 800 deaths, or 2,598 instead of an expected 1,798.

As noted above, the District's excess mortality is chiefly among black males. If in 1978 black males aged 25-64 years had experienced the same age-specific death rates as U.S. males the result would have been 703 deaths, instead of the actual 1,408. The actual deaths were 100 percent higher than the expected deaths.

Nationally, the death rates at ages 25-64 years are higher for black males than for all males (10.2 deaths per 1,000 population compared with 6.9). If at these ages age-specific death rates were compared for District and national black males the District's excess would be reduced to 258. (It should be kept in mind that in this discussion black refers to black and all other nonwhite.) On the other hand, if the "standard" for comparison is the lowest attainable rate, mortality for black males in the District would be compared with that for white males nationally, and the District's excess would have been 759 rather than 703.

Cause of death.--Deaths from 70 selected causes are shown in Table20by race and sex. The 20 leading causes of death are based on this list. The numbers of deaths, crude death rates and age-adjusted death rates for the 20 leading causes are shown in Tables14, 15, and16.

The three leading causes, diseases of heart, malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (cancer), and cerebrovascular diseases (strokes) do not change from year to year so far as rank order is concerned, but the long range trend is for death rates from heart disease and strokes to decrease while cancer mortality increases. Total mortality from these three causes combined, whether measured by crude or age-adjusted rates, declined. Changes in mortality from these three causes from 1970 to 1978 are shown below(rates are per 100,00 population):

	Crude Death Rates		Age-Adjusted Death Rates	
	1978	1970	1978	1970
Heart disease	320.4	381.1	228.3	307.4
Cancer	234.9	196.7	178.1	168.0
Stroke	78.4	87.6	55.9	70.9
Combined total	633.7	665.4	462.3	546.3

For these three causes combined, the crude death rate declined only 4.8 percent since 1970, but the drop in the combined age-adjusted death rate, 15.4 percent, was three times as great. During this period, total cancer deaths increased from 1,488 to 1,588. Blacks accounted for all the increase, with cancer deaths rising from 922 in 1970 to 1,098 in 1978 while deaths of whites dropped from 566 to 490. Age-adjusted death rates for cancer by race and sex in 1970 and 1978 were as follows:

	1978	1970
Black males	298.3	255.7
Black females	155.2	146.1
White males	145.0	157.9
White females	117.8	123.0

Two other causes of death have seen striking changes in trend since 1970. Cirrhosis of liver jumped from the sixth to the fourth leading cause in spite of an over-all decrease in the age-adjusted death rate. However, while the age-adjusted death rate for this condition dropped from 48.1 in 1970 to 41.5 in 1978 for the total population it rose from 69.0 to 75.6 for black males and dropped only slightly for black females, from 36.4 to 35.1. For whites, the rates declined after 1970 from 52.6 to 28.6 for males and from 28.1 to 10.8 for females.

Septicemia, which ranked thirteenth among leading causes in 1978, did not rank among the top twenty in 1970. It increased from 35 deaths and a crude death rate per 100,000 population of 4.6 in 1970 to 56 deaths and a rate of 8.3 in 1978. Since deaths from septicemia are generally regarded as preventable, this increase may have a significance greater than indicated by the rrelatively small numbers of deaths involved.

Age-adjusted death rates for 9 of the District's 10 leading causes of death, and suicide, our twelth cause, are shown in Table G for the District in 1978 and the United States in 1977. Final 1978 data are not yet available for the United States. If past experience is any guide, the 1978 United States rates will be the same as, or lower than, the 1977 ones.) It can be seen from this table that the District's excess mortality was manifest in all these major causes except acidents and suicide.

Suicide was added to Table G to permit a comparison of the relative roles of external causes among the leading causes of death. The age-adjusted death rate for accidents, homicide and suicide combined was 66.3 per 100,000 population for the United States in 1977 compared with a rate of 65.0 for the District in 1978. In other words, the District's excess mortality comes from diseases, the endogenous causes, and not from external injuries.

It should be noted that the number of persons dying from a given disease in any one year is not the same as the number of decedents with that particular disease. A death

Table G.-- AGE-ADJUSTED DEATH RATES FOR 10 LEADING CAUSES OF DEATH, DISTRICT OF COLUMBIA, 1978 AND COMPARABLE NATIONAL RATES, 1977 (Rates per 100,000 population)

Cause of Death	District of Columbia 1978	United States 1977
All Causes..............	801.3	612.3
Diseases of heart............	228.3	210.4
Malignant neoplasms, etc.....	178.1	133.0
Cerebrovascular diseases.....	55.9	48.2
Cirrhosis of liver...........	41.5	13.1
Influenza and Pneumonia......	26.2	14.2
Accidents....................	30.7	43.8
Arteriosclerosis.............	16.2	6.2
Homicide.....................	24.9	9.6
Certain causes of mortality in early infancy[1]..........	-	-
Diabetes mellitus............	14.0	10.4
Suicide......................	9.4	12.9

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[1] Since these deaths occur among infants, an age-adjusted rate is not appropriate.

Although the District does not code all conditions listed on death certificates, it does code a selected list of conditions when they are mentioned on death certificates as contributing or associated causes of death. Thus in addition to the 1,588 deaths coded as "due to" cancer there were an additional 136 deaths from other causes of persons with cancer.

Diabetes mellitus, with 129 deaths in which it was the underlying cause, ranked tenth in 1978. In addition, there were 287 deaths to which diabetes was a contributing or associated cause. There were 25 deaths attributed to hypertension, which ranked 19th, but it was mentioned on an additional 68 death certificates. It should also be noted that the rubric "diseases of heart" includes deaths from hypertensive heart disease and deaths from hypertensive heart and renal disease as well as a number of other specific heart conditions. In 1978 these numbered 28 deaths and 26 deaths, respectively.

The role of alcoholism as a cause of death is perhaps unmeasurable since this disease may be more difficult to define than many others. In addition, physicians may be reluctant to mention alcoholism when death can be clearly assigned to some other cause. In 1978 there were only 19 deaths attributed to alcoholism as the underlying cause of death. In addition, 120 of the 297 deaths from cirrhosis of liver were "with mention of alcohol." There were another 45 deaths in which alcoholism was entered as a contributing or associated cause. Thus at a minimum 184 deaths in 1978 were of alcoholics.

Emphysema was the underlying cause of 38 deaths in 1978, and was mentioned on another 54 death certificates. Tuberculosis, which ranked seventeenth, accounted for 33 deaths and was a contributing or associated cause in another 15 deaths.

It can be seen from these few examples that caution must be exercized in extrapolating the prevalence of various diseases from the frequency with which they appear as causes of death.

Deaths by ward.--Deaths from the 20 leading causes are shown by ward in Table 21. Since estimates of the wards' populations in 1978 are not available by age, race and sex analysis of these figures is very limited. In past years, Ward 8 has had the youngest population which would explain why it had the lowest frequencies for deaths from diseases of heart, cancer, cerebrovascular diseases, influenza and pneumonia, accidents, arteriosclerosis and diabetes mellitus.

Even if detailed population figures were available, the numbers involved are too small for age-specific rates to be meaningful. When the 1980 census figures are available it may be possible to make a retroactive estimate of the 1979 ward populations by age, race and sex to compute age-and cause-specific rates based on the averaged deaths for 1978-1980.

INFANT MORTALITY

In 1978 there were 242 infant deaths of District of Columbia residents and 9,372 live births, resulting in an infant mortality rate of 25.8 per 1,000 live births. This represented a decrease of 5.5 percent from the rate of 27.3 in 1977, but the change was not statistically significant.

When classified by race, the rates were 28.6 for blacks and 9.5 for whites in 1978, compared with 29.5 and 13.9 respectively, in 1977. It should be noted that because of the very small numbers of births and deaths involved, the rate for whites fluctuates unpredictably from year to year, having been 7.5 in 1976 and 19.5 in 1975, but there was a downward trend over the five year period 1974-1978. The rate for blacks, on the other hand, has been extremely stable since 1970, showing no real change. Infant mortality rates by race are shown in three-year moving averages in Table H.

Age at death.--In the first month after birth, most deaths result from conditions arising during either pregnancy or delivery. This is called the neonatal period (less than 28 days of age). Later deaths, in the post-neonatal period, often result from conditions initiated in infancy. Of the 242 total infant deaths, 179 were neonatal and 63 were postneonatal. The trends in infant deaths and rates by age at death are shown in Table 23 for the 20 year period 1959-1978.

It can be seen that the slight decrease in the neonatal death rate between 1977 and 1978 was accounted for entirely by deaths at 7-27 days, while there was virtually no change in the post-neonatal death rate.

Table H.--INFANT MORTALITY RATES BY RACE: DISTRICT OF COLUMBIA, 1970-72 TO 1976-78 (Rates represent resident infant deaths per 1,000 resident live births, and are shown as three-year moving averages)

Three year period	Race		
	Total	Black	White
1976-78................	26.0	28.6	10.3
1975-77................	27.0	29.1	13.5
1974-76................	27.1	27.9	14.5
1973-75................	27.2	28.3	19.5
1972-74................	26.8	27.8	19.6
1971-73................	27.1	28.4	18.8
1970-72................	28.2	29.5	19.5

Excess mortality.--In 1978 the estimated United States rates for total, neonatal and postneonatal infant deaths were 13.6, 9.4 and 4.2 per 1,000 live births, respectively. If these rates had obtained in the District there would have been 127 infant deaths, 88 neonatal and 39 postneonatal. This would mean that 115 of the District's 242 infant deaths in 1978 were excess deaths when compared with the national rate: 91 excess neonatal and 24 excess postneonatal deaths. The excess of infant deaths largely reflects the District's excess of low birth weight babies. National figures for 1978 are not yet available, but if the 1977 incidence of low birth weight of 7.1 percent is applied to the District's 1978 births the result is 665 births of 2,500 grams or less instead of the actual 1,239. This excess of 574 low birth weight babies was 46.3 percent of total immatures and the District's excess of 115 infant deaths was 47.5 percent of all infant deaths.

Cause of death.--Infant deaths in 1978 are shown by cause and age in Table 25 and the 10 leading causes of infant death are shown in Table I. For most of the causes the numbers are too small for fruitful analysis of trends. However, trend data for 1975-1978 are shown in Table J for six causes (four of them under the rubric Certain causes of mortality in early infancy) which showed the greatest changes from 1977 to 1978. The greatest changes were the increase in deaths from diarrheal diseases, from 5 to 12, and the drop in deaths from birth injury without mention of cause, from 14 to 1.

Infant mortality by ward.--Infant death rates for 1978 are shown by age at death by ward in Table K. Here again, because of the small numbers involved, year-to-year changes are difficult to interpret, except that the rate is consistently low for Ward 3 and high for Ward 6.

Table I.--INFANT DEATHS BY CAUSE FROM TEN LEADING CAUSES: DISTRICT OF COLUMBIA, 1978

Cause of death	Infant deaths
All causes	242
Immaturity, unqualified	58
Congenital anomalies	24
Asphyxia of newborn, unspecified and all other anoxic and hypoxic conditions not elsewhere classifiable	24
Respiratory distress syndrome	22
Complications of pregnancy and child birth	18
Sudden infant death	18
Hyaline membrane disease	15
Diarrheal diseases	12
Accidents	7
Influenza and pneumonia	5
Hemorrhagic disease of newborn	5
Ten cause subtotal	
Number	208
Percent of total deaths	86.0
All other cuases	34

Table J.--MAJOR CHANGES IN CAUSES OF INFANT DEATHS: DISTRICT OF COLUMBIA, 1975-1978

Cause of death	1978	1977	1976	1975
All causes..........	242	270	240	279
Diarrheal diseases.........	12	5	2	4
Congenital anomalies.......	24	31	21	34
Certain causes of death in early infancy..........	157	183	150	181
Complications of pregnancy and child birth...........	18	13	14	20
Birth injury without mention of cause.............	1	14	12	9
Respiratory distress syndrome............	22	27	24	16
Asphyxia of newborn, unspecified..........	21	30	20	18

Table K.--INFANT DEATH RATES BY WARD AND AGE AT DEATH: DISTRICT OF COLUMBIA, 1978

Ward	Total	Age at Death						
		Neonatal				Post neonatal		
		Total	Under 1 day	1-6 days	7-27 days	Total	28 days - 5 mos.	6-11 months
Total........	25.8	19.1	11.8	5.7	1.6	6.7	5.8	1.0
1..........	29.7	18.8	10.9	5.5	2.3	10.9	10.2	0.8
2..........	21.5	18.4	11.3	6.1	1.0	3.1	3.1	0
3..........	11.1	11.1	6.4	4.8	0	0	0	0
4..........	18.6	14.4	11.3	3.1	0	4.1	3.1	1.0
5..........	29.4	22.5	16.4	4.3	1.7	6.9	6.9	0
6..........	32.8	20.9	10.9	9.1	0.9	11.8	9.1	2.7
7..........	26.0	18.3	9.1	5.6	3.5	7.7	6.3	1.4
8..........	27.6	22.1	14.9	5.5	1.7	5.5	4.4	1.1

Infant deaths and rates per 1,000 live births by ward were as follows in 1977 and 1978:

Ward	Infant deaths			
	1978		1977	
	Number	Rate	Number	Rate
1............	38	29.7	34	25.4
2............	21	21.5	30	29.0
3............	7	11.1	7	11.0
4............	18	18.6	27	26.9
5............	34	29.4	32	28.0
6............	36	32.8	43	35.4
7............	37	26.0	44	27.5
8............	50	27.6	50	27.1

PERINATAL AND FETAL MORTALITY-Fetal death is the death of a fetus of at least 20 completed weeks of gestation, prior to delivery of a live infant, and is as much an undesirable outcome of pregnancy as infant death. In some years decreases in infant mortality have been offset by increases in fetal mortality and vice versa. For this reason the best measure of the risk of unsatisfactory outcome is the perinatal mortality rate - fetal plus neonatal deaths per 1,000 deliveries (fetal deaths plus live births).

The District's fetal death rate in 1978 was 14.4 per 1,000 deliveries, down from 15.9 in 1977, and the perinatal rate was 33.2, down from 35.7 in 1977. Perinatal and fetal mortality in 1978 are shown by ward in Table L.

Table L.--PERINATAL AND FETAL MORTALITY BY WARD: DISTRICT OF COLUMBIA, 1978

(Rates per 1,000 deliveries)

Ward	Perinatal deaths*		Fetal deaths	
	Number	Rate	Number	Rate
Total.........	316	33.2	137	14.4
1...........	48	36.8	24	18.4
2...........	28	28.4	10	10.1
3...........	14	22.0	7	11.0
4...........	26	26.5	12	12.2
5...........	37	31.7	11	9.4
6...........	39	35.0	16	14.3
7...........	52	35.9	26	17.9
8...........	69	37.5	29	15.8

* Fetal deaths plus neonatal deaths.

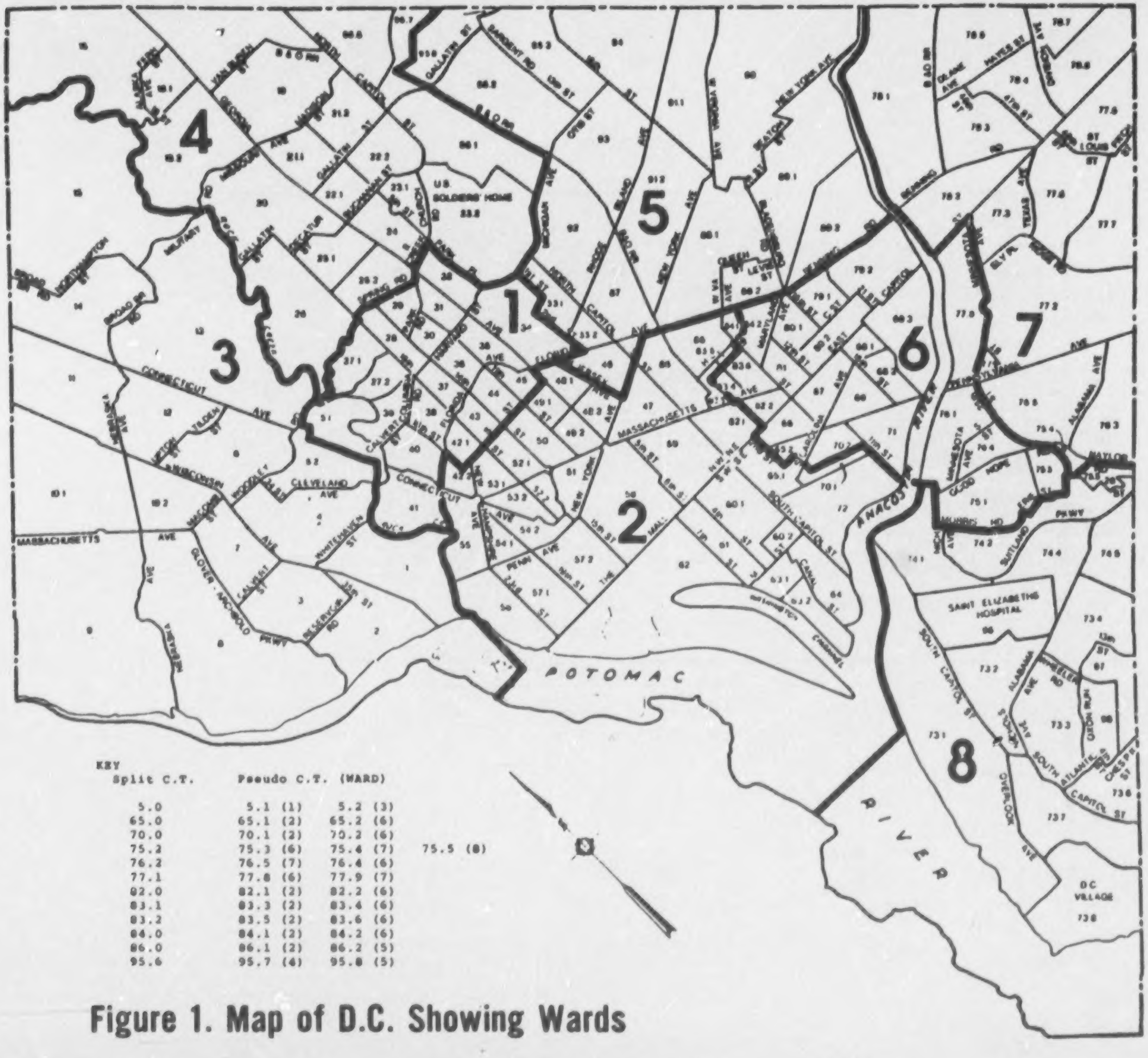
MATERNAL MORTALITY

There were no maternal deaths of District residents in 1978. It can be seen in Table A that from 1971 to 1977 the numbers of maternal deaths ranged from 2 to 4 and thus a zero incidence in one year does not constitute a statistically significant change. The effect of random fluctuations of these very small numbers can be reduced by computing three-year moving average rates, which are shown in Table M for the years 1970-1972 to 1976-1978. It can be seen that there has been a real change in the risk of maternal mortality since 1970-1972 but that the low rate of 1.7 deaths per 10,000 live births in 1976-1978 is not sufficiently lower than the rate of 2.2 in 1971-1973 to justify a conclusion that a new low level has been achieved. The only significant change was that shown in Table A from 1970 to 1971 and all subsequent years.

Since 1965 maternal deaths have been classified as to whether or not the mother had received prenatal care in one of the District's public Maternal and Infant Care clinics. In all this time not one mother who has received such care has died from maternal causes.

Table M.--MATERNAL MORTALITY: DISTRICT OF COLUMBIA, 1970-1972 TO 1976-1978

Years	Live Births	Maternal Deaths	
		Number	Rate Per 10,000 Births
1976-1978.....	28,892	5	1.7
1975-1977.....	29,266	9	3.1
1974-1976.....	29,418	10	3.4
1973-1975.....	30,620	10	3.3
1972-1974.....	32,760	8	2.4
1971-1973.....	36,637	8	2.2
1970-1972.....	40,760	17	4.2


1
2
3
4
5
6
7
8
POTOMAC
ANACOSTIA
RIVER
U.S. SOLDIERS' HOME
SAINT ELIZABETHS HOSPITAL
D.C. VILLAGE
CONNECTICUT AVE
MASSACHUSETTS AVE
WISCONSIN AVE
NEW YORK AVE
PENNSYLVANIA AVE
SOUTH CAPITOL ST

KEY

Split C.T.	Pseudo C.T. (WARD)		
5.0	5.1 (1)	5.2 (3)	
65.0	65.1 (2)	65.2 (6)	
70.0	70.1 (2)	70.2 (6)	
75.2	75.3 (6)	75.4 (7)	75.5 (8)
76.2	76.5 (7)	76.4 (6)	
77.1	77.8 (6)	77.9 (7)	
82.0	82.1 (2)	82.2 (6)	
83.1	83.3 (2)	83.4 (6)	
83.2	83.5 (2)	83.6 (6)	
84.0	84.1 (2)	84.2 (6)	
86.0	86.1 (2)	86.2 (5)	
95.6	95.7 (4)	95.8 (5)	

Figure 1. Map of D.C. Showing Wards

Figure 2. Live Births and Deaths: District of Columbia Residents, 1968 - 1978

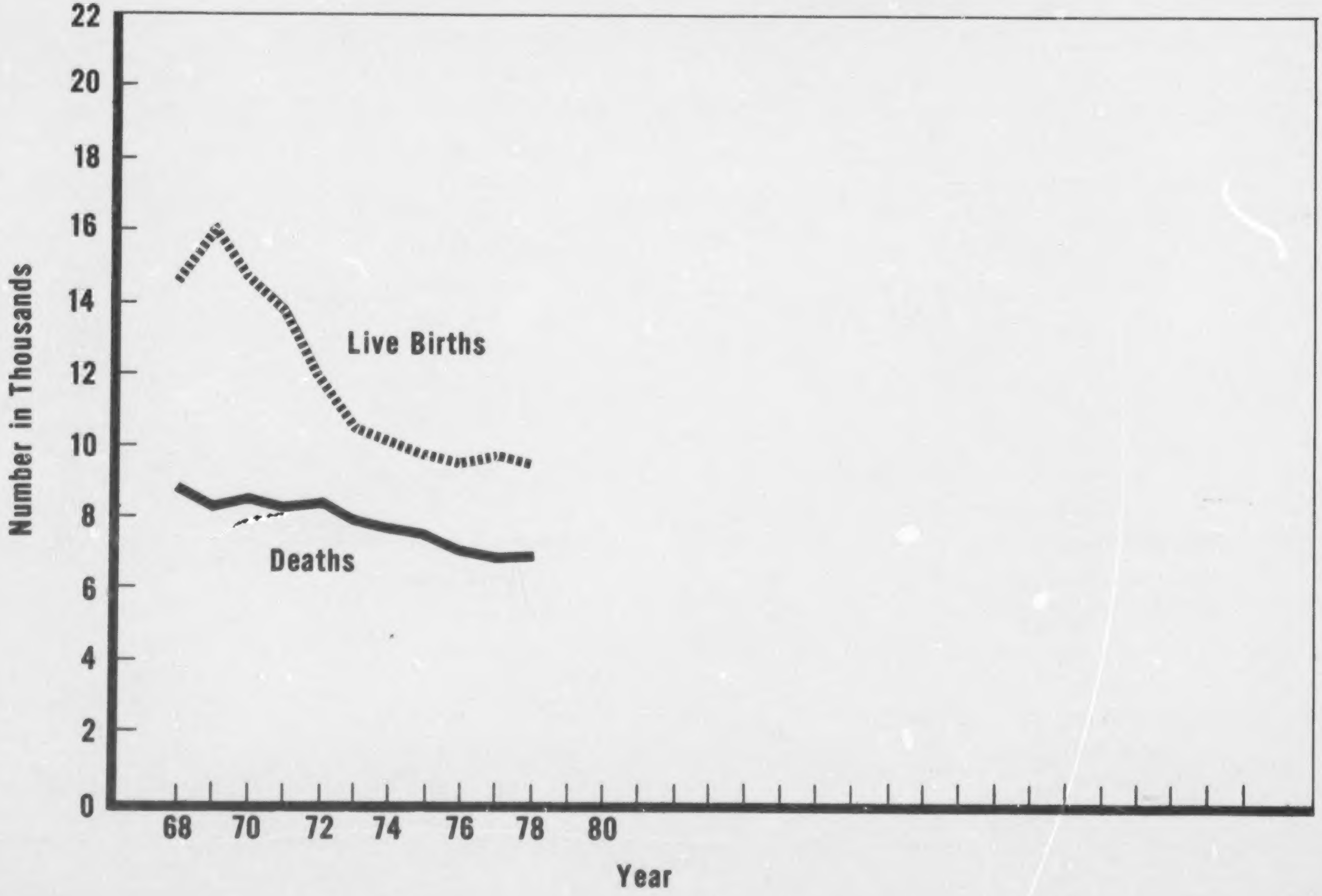


Figure 3. Leading Causes of Death: District of Columbia, 1950, 1960, 1970 and 1978

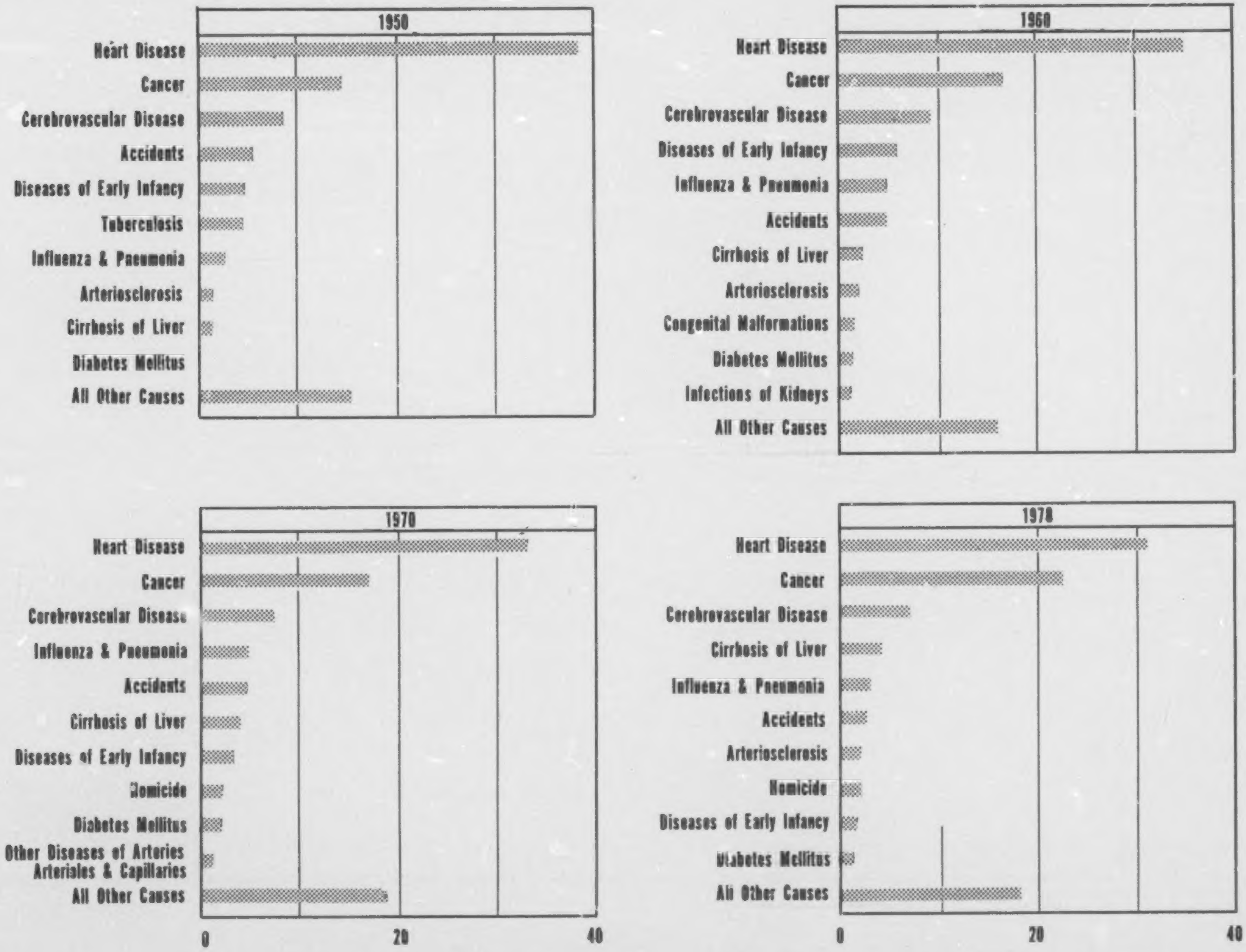
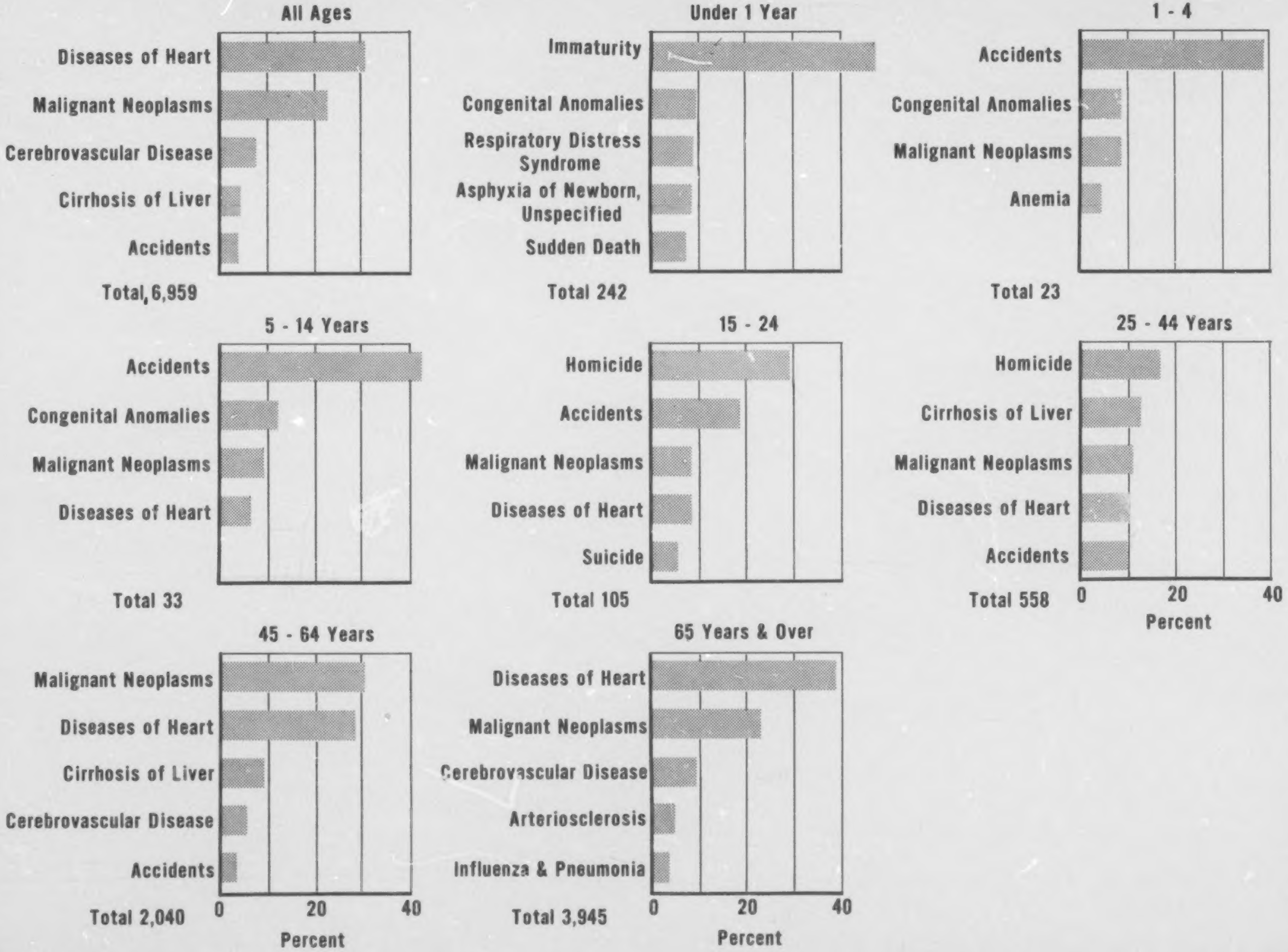


Figure 4. Leading Causes of Death in Selected Age Groups: District of Columbia, 1977-1978



Tables

Table 1.—ESTIMATED POPULATION BY AGE, RACE, AND SEX: DISTRICT OF COLUMBIA, 1978

Age (in years)	Total			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total.....	676,100	302,900	373,200	502,300	226,200	276,100	173,800	76,700	97,100
Under 5......	42,300	21,200	21,100	38,400	19,400	19,000	3,900	1,800	2,100
5-9..........	48,700	23,700	25,000	43,600	21,200	22,400	5,100	2,500	2,600
10-14........	47,800	24,500	23,300	42,800	22,000	20,800	5,000	2,500	2,500
15-19........	59,700	27,900	31,800	52,200	24,200	28,000	7,500	3,700	3,800
20-24........	64,800	27,600	37,200	56,400	23,400	33,000	8,400	4,200	4,200
25-29........	63,200	28,300	34,900	43,700	19,200	24,500	19,500	9,100	10,400
30-34........	56,100	25,000	31,100	37,300	16,300	21,000	18,800	8,700	10,100
35-39........	43,500	20,100	23,400	28,500	12,400	16,100	15,000	7,700	7,300
40-44........	36,200	16,600	19,600	26,600	11,600	15,000	9,600	5,000	4,600
45-49........	36,200	16,700	19,500	26,900	12,100	14,800	9,300	4,600	4,700
50-54........	36,000	15,800	20,200	25,800	11,200	14,600	10,200	4,600	5,600
55-59........	35,700	15,300	20,400	23,800	10,200	13,600	11,900	5,100	6,800
60-64........	32,800	14,000	18,800	20,100	8,800	11,300	12,700	5,200	7,500
65 and over..	73,100	26,200	46,900	36,200	14,200	22,000	36,900	12,000	24,900

Table 2.—NUMBER OF TOTAL RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS: DISTRICT OF COLUMBIA, 1970–1978 AND AVERAGES, 1945–1974

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1978	9,372	6,959	242	179	137	25.8	19.1	14.6
1977	9,885	7,064	270	203	160	27.3	20.5	16.2
1976	9,635	7,238	240	193	169	24.9	20.0	17.5
1975	9,746	7,446	279	220	149	28.6	22.6	15.3
1974	10,037	7,815	277	216	140	27.6	21.5	13.9
1973	10,837	8,017	276	208	141	25.5	19.2	13.0
1972	11,886	8,313	323	235	250	27.2	19.8	21.0
1971	13,914	8,405	396	294	286	28.5	21.1	20.6
1970	14,960	8,690	432	339	258	28.9	22.7	17.2
AVERAGE ANNUAL								
1970–1974	12,327	8,248	341	258	215	27.7	20.9	17.4
1965–1969	15,796	8,873	511	387	314	32.3	24.5	19.9
1960–1964	19,768	8,881	684	513	370	34.6	26.0	18.7
1955–1959	19,739	8,559	678	520	355	34.3	26.3	18.0
1950–1954	20,514	8,392	628	499	398	30.6	24.3	19.4
1945–1949	19,411	8,324	669	516	441	34.5	26.6	22.7

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 3.—NUMBER OF BLACK RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS: DISTRICT OF COLUMBIA, 1970–1978 AND AVERAGES 1945–1974

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1978	8,004	4,776	229	168	125	28.6	21.0	15.6
1977	8,515	4,828	251	189	152	29.5	22.2	17.9
1976	8,293	4,940	230	188	154	27.7	22.7	18.6
1975	8,462	5,018	254	198	138	30.0	23.4	16.3
1974	8,737	5,200	255	196	127	29.2	22.4	14.5
1973	9,413	5,172	245	185	127	26.0	19.7	13.5
1972	10,518	5,419	296	213	216	28.1	20.3	20.5
1971	12,131	5,429	368	273	240	30.3	22.5	19.8
1970	13,091	5,360	389	303	228	29.7	23.1	17.4
AVERAGE ANNUAL								
1970–1974	10,778	5,316	311	234	188	28.9	21.7	17.4
1965–1969	13,148	5,183	451	339	276	34.3	25.8	21.0
1960–1964	14,225	4,463	542	402	295	38.1	28.3	20.7
1955–1959	12,581	3,733	498	374	258	39.6	29.7	20.5
1950–1954	9,814	3,231	337	255	237	34.3	26.0	24.1
1945–1949	7,105	3,029	302	221	230	42.5	31.1	32.4

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 4.--NUMBER OF WHITE RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS: DISTRICT OF COLUMBIA, 1970-1978 AND AVERAGES 1945-1974

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1978----------	1,368	2,183	13	11	12	9.5	8.0	8.8
1977----------	1,370	2,236	19	14	8	13.9	10.2	5.8
1976----------	1,342	2,298	10	5	15	7.5	3.7	11.2
1975----------	1,284	2,428	25	22	11	19.5	17.1	8.6
1974----------	1,300	2,615	22	20	13	16.9	15.4	10.0
1973----------	1,424	2,845	31	23	14	21.8	16.2	9.8
1972----------	1,368	2,894	27	22	34	19.7	16.1	24.9
1971----------	1,783	2,976	28	21	46	15.7	11.8	25.8
1970----------	1,869	3,330	43	36	30	23.0	19.3	16.1
AVERAGE ANNUAL								
1970-1974-----	1,549	2,932	30	24	27	19.4	15.5	17.4
1965-1969-----	2,648	3,690	60	48	38	22.7	18.1	14.4
1960-1964-----	5,543	4,418	142	111	75	25.3	20.0	13.5
1955-1959-----	7,158	4,826	180	146	97	25.1	20.4	13.6
1950-1954-----	10,700	5,161	291	244	161	27.2	22.8	15.0
1945-1949-----	12,306	5,295	267	295	212	29.8	24.0	17.2

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 5.--OUT-OF-WEDLOCK RATIOS BY AGE OF MOTHER AND RACE: DISTRICT OF COLUMBIA, 1973-1978

Year and race	Total[1]	Age of Mother (in years)						
		Under 15	15-19	20-24	25-29	30-34	35-39	40 and over
Total								
1978------------------	553.4	1000.0	914.3	632.6	386.3	232.3	214.5	247.1
1977------------------	530.4	977.0	900.3	604.9	333.1	216.0	209.0	252.9
1976------------------	525.7	977.8	901.1	585.0	320.5	174.1	209.2	174.4
1975------------------	511.8	991.4	861.9	539.7	282.8	195.1	196.3	259.3
1974------------------	497.6	1000.0	855.0	502.3	261.7	182.5	212.8	218.8
1973------------------	467.0	986.1	823.5	446.7	228.2	211.1	216.3	206.5
Black								
1978------------------	626.7	1000.0	928.1	664.9	444.4	334.8	310.5	272.7
1977------------------	595.9	976.7	913.9	638.3	380.9	300.3	256.0	312.5
1976------------------	589.2	977.0	911.3	614.9	374.7	237.9	278.6	215.4
1975------------------	569.8	991.0	877.3	564.2	332.6	273.7	252.7	311.5
1974------------------	549.5	1000.0	864.4	521.9	314.0	242.4	256.8	280.0
1973------------------	515.9	985.3	834.1	466.2	268.8	275.2	270.5	228.6
White								
1978------------------	124.3	1000.0	528.6	235.8	101.0	39.5	71.9	157.9
1977------------------	123.4	1000.0	453.1	211.2	99.3	57.7	101.6	87.0
1976------------------	133.4	1000.0	651.7	202.6	89.6	52.4	61.1	47.6
1975------------------	129.3	1000.0	518.5	233.1	63.5	39.2	47.6	100.0
1974------------------	148.5	1000.0	652.9	245.7	56.8	54.0	74.5	0
1973------------------	144.0	1000.0	572.6	207.4	75.1	73.1	39.6	136.4

[1] Includes age of mother not stated which is not shown separately.

Note: Ratios per 1,000 live births in specified groups.

Table 6.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE-BIRTH ORDER AND RACE: DISTRICT OF COLUMBIA, 1975-1978 AND AVERAGES 1960-1974

Live birth order and race	Number							Percent						
	1978	1977	1976	1975	Annual average			1978	1977	1976	1975	Annual average		
					1970-1974	1965-1969	1960-1964					1970-1974	1965-1969	1960-1964
Total.....	9,372	9,885	9,635	9,746	12,326	15,796	19,768	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First child.......	4,372	4,633	4,587	4,739	5,824	6,444	6,341	46.6	46.9	47.6	48.6	47.2	40.8	32.1
Second child.....	2,626	2,741	2,632	2,723	3,244	3,785	4,542	28.0	27.7	27.3	27.9	26.3	24.0	23.0
Third child......	1,284	1,348	1,237	1,190	1,543	2,116	3,108	13.7	13.6	12.8	12.2	12.5	13.4	15.7
Fourth child.....	559	603	594	535	781	1,291	2,111	6.0	6.1	6.2	5.5	6.3	8.2	10.7
Fifth child......	275	293	268	270	410	819	1,379	2.9	3.0	2.8	2.8	3.3	5.2	7.0
Sixth child......	127	117	154	132	224	540	894	1.4	1.2	1.6	1.4	1.8	3.4	4.5
Seventh child....	73	79	82	80	127	332	563	0.8	0.8	0.9	0.8	1.0	2.1	2.8
Eighth child and over............	46	55	68	77	173	469	817	0.5	0.6	0.7	0.8	1.4	3.0	4.1
Not stated.......	10	16	13	-	-	-	13	0.1	0.2	0.1	0	0	0	0.1
Black.....	8,004	8,515	8,293	8,462	10,778	13,148	14,225	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First child......	3,631	3,886	3,843	4,007	4,967	5,081	3,852	45.4	45.6	46.3	47.4	46.1	38.6	27.1
Second child.....	2,228	2,358	2,250	2,337	2,806	3,108	3,093	27.8	27.7	27.1	27.6	26.0	23.6	21.7
Third child......	1,141	1,194	1,102	1,083	1,393	1,806	2,338	14.3	14.0	13.3	12.8	12.9	13.7	16.4
Fourth child.....	510	551	552	498	727	1,146	1,709	6.4	6.5	6.7	5.9	6.7	8.7	12.0
Fifth child......	251	276	245	260	384	754	1,174	3.1	3.2	3.0	3.1	3.6	5.7	8.3
Sixth child......	120	107	144	125	212	499	788	1.5	1.3	1.7	1.5	2.0	3.8	5.5
Seventh child....	70	76	79	78	123	311	509	0.9	0.9	1.0	0.9	1.1	2.4	3.6
Eighth child and over............	43	51	66	74	166	443	751	0.5	0.6	0.8	0.9	1.5	3.4	5.3
Not stated.......	10	16	12	-	-	-	11	0.1	0.2	0.1	0	0	0	0.1
White.....	1,368	1,370	1,342	1,284	1,548	2,648	5,543	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First child......	741	747	744	732	857	1,363	2,489	54.2	54.5	55.4	57.0	55.4	51.5	44.9
Second child.....	398	383	382	386	438	677	1,449	29.1	28.0	28.5	30.1	28.3	25.6	26.1
Third child......	143	154	135	107	150	310	770	10.5	11.2	10.1	8.3	9.7	11.7	13.9
Fourth child.....	49	52	42	37	54	145	402	3.6	3.8	3.1	2.9	3.5	5.5	7.3
Fifth child......	24	17	23	10	26	65	205	1.8	1.2	1.7	0.8	1.7	2.5	3.7
Sixth child......	7	10	10	7	12	41	106	0.5	0.7	0.7	0.5	0.8	1.5	1.9
Seventh child....	3	3	3	2	4	21	54	0.2	0.2	0.2	0.2	0.3	0.8	1.0
Eighth child and over............	3	4	2	3	7	26	66	0.2	0.3	0.1	0.2	0.5	1.0	1.2
Not stated.......	-	-	1	-	-	-	2	-	0	0.1	0	0	0	0.0

Table 7.—LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1978

Age of mother	Total	Live birth order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 & over	Not stated
Total	9,372	4,372	2,626	1,284	559	275	127	73	25	15	6	10
Less than 15 years	69	66	3	–	–	–	–	–	–	–	–	–
11	1	1	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–
13	16	16	–	–	–	–	–	–	–	–	–	–
14	52	49	3	–	–	–	–	–	–	–	–	–
15–19	2,018	1,559	386	60	13	–	–	–	–	–	–	–
15	157	145	12	–	–	–	–	–	–	–	–	–
16	322	280	40	2	–	–	–	–	–	–	–	–
17	420	340	71	9	–	–	–	–	–	–	–	–
18	509	376	114	15	4	–	–	–	–	–	–	–
19	610	418	149	34	9	–	–	–	–	–	–	–
20–24 years	3,043	1,387	1,006	447	146	42	11	3	1	–	–	–
25–29 years	2,340	806	710	440	224	103	35	17	2	1	–	2
30–34 years	1,386	438	403	249	126	81	46	26	10	4	2	1
35–39 years	415	99	98	74	39	39	23	22	7	6	3	5
40–44 years	81	14	13	9	10	8	11	5	4	4	1	2
45 and over	4	–	–	1	–	2	–	–	1	–	–	–
Not stated	16	3	7	4	1	–	1	–	–	–	–	–

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1978-CONTINUED

Age of mother	Total	Live birth order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 & over	Not stated
Single births.......	9,185	4,327	2,561	1,255	533	260	124	71	24	14	6	10
Less than 15 years......	67	65	2	–	–	–	–	–	–	–	–	–
11..................	1	1	–	–	–	–	–	–	–	–	–	–
12..................	–	–	–	–	–	–	–	–	–	–	–	–
13..................	16	16	–	–	–	–	–	–	–	–	–	–
14..................	50	48	2	–	–	–	–	–	–	–	–	–
15–19 years.............	1,992	1,549	376	56	11	–	–	–	–	–	–	–
15..................	157	145	12	–	–	–	–	–	–	–	–	–
16..................	322	280	40	2	–	–	–	–	–	–	–	–
17..................	410	335	66	9	–	–	–	–	–	–	–	–
18..................	504	373	114	14	3	–	–	–	–	–	–	–
19..................	599	416	144	31	8	–	–	–	–	–	–	–
20–24 years.............	2,979	1,372	980	436	138	39	10	3	1	–	–	–
25–29 years.............	2,283	791	690	434	216	96	34	17	2	1	–	2
30–34 years.............	1,361	435	398	244	120	77	46	25	9	4	2	1
35–39 years.............	404	99	96	71	37	38	22	21	7	5	3	5
40–44 years.............	79	13	12	9	10	8	11	5	4	4	1	2
45 and over.............	4	–	–	1	–	2	–	–	1	–	–	–
Not stated.............	16	3	7	4	1	–	1	–	–	–	–	–

Table 7.—LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1978-CONTINUED

Age of mother	Total	Live birth order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 & over	Not stated
Plural births	187	45	65	29	26	15	3	2	1	1	–	–
Less than 15 years	2	1	1	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–
14	2	1	1	–	–	–	–	–	–	–	–	–
15-19 years	26	10	10	4	2	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–
17	10	5	5	–	–	–	–	–	–	–	–	–
18	5	3	–	1	1	–	–	–	–	–	–	–
19	11	2	5	3	1	–	–	–	–	–	–	–
20-24 years	64	15	26	11	8	3	1	–	–	–	–	–
25-29 years	57	15	20	6	8	7	1	–	–	–	–	–
30-34 years	25	3	5	5	6	4	–	1	1	–	–	–
35-39 years	11	–	2	3	2	1	1	1	–	1	–	–
40-44 years	2	1	1	–	–	–	–	–	–	–	–	–
45 and over	–	–	–	–	–	–	–	–	–	–	–	–
Not stated	–	–	–	–	–	–	–	–	–	–	–	–

Table 8.--LIVE BIRTHS BY LIVE BIRTH ORDER, AND AGE OF MOTHER, BLACK RESIDENTS: DISTRICT OF COLUMBIA, 1978

Age of mother	Total	Live birth order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 & over	Not stated
Total..............	8,004	3,631	2,228	1,141	510	251	120	70	22	15	6	10
Less than 15 years......	65	62	3	–	–	–	–	–	–	–	–	–
11................	1	1	–	–	–	–	–	–	–	–	–	–
12................	–	–	–	–	–	–	–	–	–	–	–	–
13................	16	16	–	–	–	–	–	–	–	–	–	–
14................	48	45	3	–	–	–	–	–	–	–	–	–
15–19 years............	1,948	1,499	377	59	13	–	–	–	–	–	–	–
15................	150	139	11	–	–	–	–	–	–	–	–	–
16................	309	268	39	2	–	–	–	–	–	–	–	–
17................	409	331	69	9	–	–	–	–	–	–	–	–
18................	496	366	111	15	4	–	–	–	–	–	–	–
19................	584	395	147	33	9	–	–	–	–	–	–	–
20–24 years............	2,814	1,246	943	428	141	41	11	3	1	–	–	–
25–29 years............	1,944	572	609	406	207	95	34	17	1	1	–	2
30–34 years............	905	201	237	195	110	77	44	25	9	4	2	1
35–39 years............	248	39	44	45	28	32	19	21	6	6	3	5
40–44 years............	62	9	9	4	10	4	11	4	4	4	1	2
45 and over............	4	–	–	1	–	2	–	–	1	–	–	–
Not stated.............	14	3	6	3	1	–	1	–	–	–	–	–

Table 9.--LIVE BIRTHS BY LIVE BIRTH ORDER, AND AGE OF MOTHER, WHITE RESIDENTS: DISTRICT OF COLUMBIA, 1978

Age of mother	Total	Live birth order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 & over	Not stated
Total	1,368	741	398	143	49	24	7	3	3	-	-	-
Less than 15 years	4	4	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	4	4	-	-	-	-	-	-	-	-	-	-
15-19 years	70	60	9	1	-	-	-	-	-	-	-	-
15	7	6	1	-	-	-	-	-	-	-	-	-
16	13	12	1	-	-	-	-	-	-	-	-	-
17	11	9	2	-	-	-	-	-	-	-	-	-
18	13	10	3	-	-	-	-	-	-	-	-	-
19	26	23	2	1	-	-	-	-	-	-	-	-
20-24 years	229	141	63	19	5	1	-	-	-	-	-	-
25-29 years	396	234	101	34	17	8	1	-	1	-	-	-
30-34 years	481	237	166	54	16	4	2	1	1	-	-	-
35-39 years	167	60	54	29	11	7	4	1	1	-	-	-
40-44 years	19	5	4	5	-	4	-	1	-	-	-	-
45 and over	-	-	-	-	-	-	-	-	-	-	-	-
Not stated	2	-	1	1	-	-	-	-	-	-	-	-

TABLE 10-- LIVE BIRTHS BY WARD AND AGE OF MOTHER, ALL RESIDENTS: DISTRICT OF COLUMBIA, 1978

WARD	TOTAL	AGE OF MOTHER UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	N.S.
TOTAL	9372	69	2018	3043	2340	1386	415	81	4	16
WARD 1------------	1280	10	237	418	337	198	65	14	1	0
WARD 2------------	977	8	228	311	246	126	46	9	0	3
WARD 3------------	629	8	45	58	151	276	83	8	0	0
WARD 4------------	970	4	155	306	284	163	46	11	1	0
WARD 5------------	1158	7	324	389	255	134	36	7	1	5
WARD 6------------	1099	8	269	385	261	139	27	8	0	2
WARD 7------------	1423	9	370	508	324	147	48	15	1	1
WARD 8------------	1812	15	387	659	475	201	62	8	0	5
NOT REPORTED------	24	0	3	9	7	2	2	1	0	0

TABLE 11 -- LIVE BIRTHS BY WARD AND AGE OF MOTHER, WHITE RESIDENTS: DISTRICT OF COLUMBIA, 1978

1978

WARD	TOTAL	AGE OF MOTHER UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	N.S.
TOTAL	1368	4	70	229	396	481	167	19	0	2
WARD 1------------	221	0	14	40	65	64	32	6	0	0
WARD 2------------	183	0	6	39	60	52	22	3	0	1
WARD 3------------	520	3	21	42	119	249	79	7	0	0
WARD 4------------	68	0	5	11	15	27	10	0	0	0
WARD 5------------	38	0	1	13	18	3	3	0	0	0
WARD 6------------	119	1	1	12	46	49	8	1	0	1
WARD 7------------	42	0	3	14	12	8	5	0	0	0
WARD 8------------	172	0	19	58	58	29	7	1	0	0
NOT REPORTED------	5	0	0	0	3	0	1	1	0	0

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TABLE 12 -- LIVE BIRTHS BY WARD AND AGE OF MOTHER BLACK RESIDENTS: DISTRICT OF COLUMBIA, 1978

		AGE OF MOTHER								
WARD	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	N.S.
TOTAL	8004	65	1948	2814	1944	905	248	62	4	14
WARD 1------------	1059	10	223	378	272	134	33	8	1	0
WARD 2------------	794	8	222	272	186	74	24	6	0	2
WARD 3------------	109	5	24	16	32	27	4	1	0	0
WARD 4------------	902	4	150	295	269	136	36	11	1	0
WARD 5------------	1120	7	323	376	237	131	33	7	1	5
WARD 6------------	980	7	268	373	215	90	19	7	0	1
WARD 7------------	1381	9	367	494	312	139	43	15	1	1
WARD 8------------	1640	15	368	601	417	172	55	7	0	5
NOT REPORTED------	19	0	3	9	4	2	1	0	0	0

Table 13.—NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1978

Race and selected characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
ALL RACES										
Total live births	9,372	1,280	977	629	970	1,158	1,099	1,423	1,812	24
Percent distribution	100.0	13.7	10.4	6.7	10.3	12.4	11.7	15.2	19.3	0.3
Out-of-wedlock births										
Number	5,186	680	561	90	469	741	667	897	1,070	11
Ratio per 1,000 live births	553.4	531.3	574.2	143.1	483.5	639.9	606.9	630.4	590.5	458.3
Premature births[1]										
Number	1,406	211	152	40	144	189	185	220	262	3
Percent of total births	15.0	16.5	15.6	6.4	14.8	16.3	16.8	15.5	14.5	12.5
Percent distribution	100.0	15.0	10.8	2.8	10.2	13.4	13.2	15.6	18.6	0.2
Immature births[2]										
Number	1,239	176	122	42	125	157	156	202	256	3
Percent of total births	13.2	13.8	12.5	6.7	12.9	13.6	14.2	14.2	14.1	12.5
Percent distribution	100.0	14.2	9.8	3.4	10.1	12.7	12.6	16.3	20.7	0.2
Inadequate prenatal care[3]										
Number	719	92	98	39	64	91	114	96	123	2
Percent of total births	7.7	7.2	10.0	6.2	6.6	7.9	10.4	6.7	6.8	8.3
Percent distribution	100.0	12.8	13.6	5.4	8.9	12.7	15.9	13.4	17.1	0.3

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table 13.—NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1978–CONTINUED

Race and selected characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
BLACK										
Total live births	8,004	1,059	794	109	902	1,120	980	1,381	1,640	19
Percent distribution	100.0	13.2	9.9	1.4	11.3	14.0	12.2	17.3	20.5	0.2
Out-of-wedlock births										
Number	5,016	635	537	48	454	734	658	886	1,054	10
Ratio per 1,000 live births	626.7	599.6	676.3	440.4	503.3	655.4	671.4	641.6	642.7	526.3
Premature births[1]										
Number	1,316	194	134	12	135	188	177	218	255	3
Percent of total births	16.4	18.3	16.9	11.0	15.0	16.8	18.1	15.8	15.5	15.8
Percent distribution	100.0	14.7	10.2	0.9	10.3	14.3	13.4	16.6	19.4	0.2
Immature births[2]										
Number	1,143	159	112	13	114	156	149	199	239	2
Percent of total births	14.3	15.0	14.1	11.9	12.6	13.9	15.2	14.4	14.6	10.5
Percent distribution	100.0	13.9	9.9	1.1	10.0	13.6	13.0	17.4	20.9	0.2
Inadequate prenatal care[3]										
Number	625	68	80	13	56	86	112	91	118	1
Percent of total births	7.8	6.4	10.1	11.9	6.2	7.7	11.4	6.6	7.2	5.3
Percent distribution	100.0	10.9	12.8	2.1	9.0	13.8	17.9	14.6	18.9	0.2

---

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table 13.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1978

Race and selected characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
WHITE										
Total live births	1,368	221	183	520	68	38	119	42	172	5
Percent distribution	100.0	16.2	13.4	38.0	5.0	2.8	8.7	3.1	12.6	0.4
Out-of-wedlock births										
Number	170	45	24	42	15	7	9	11	16	1
Ratio per 1,000 live births	124.3	203.6	131.1	80.8	220.6	184.2	75.6	261.9	93.0	200.0
Premature births[1]										
Number	90	17	18	28	9	1	8	2	7	-
Percent of total births	6.6	7.7	9.8	5.4	13.2	2.6	6.7	4.8	4.1	-
Percent distribution	100.0	18.9	20.0	31.1	10.0	1.1	8.9	2.2	7.8	-
Immature births[2]										
Number	96	17	10	29	11	1	7	3	17	1
Percent of total births	7.0	7.7	5.5	5.6	16.2	2.6	5.9	7.1	9.9	20.0
Percent distribution	100.0	17.7	10.4	30.2	11.5	1.0	7.3	3.1	17.7	1.0
Inadequate prenatal care[3]										
Number	94	24	18	26	8	5	2	5	5	1
Percent of total births	6.9	10.9	9.8	5.0	11.8	13.2	1.7	11.9	2.9	20.0
Percent distribution	100.0	25.5	19.1	27.7	8.5	5.3	2.1	5.3	5.3	1.1

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

TABLE 14. RESIDENT DEATHS FROM 20 LEADING CAUSES BY RACE AND SEX: DISTRICT OF COLUMBIA, 1978

		TOTAL		RACE					
				BLACK			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL..................................	6,959	3,739	3,220	4,776	2,713	2,063	2,183	1,026	1,157
CAUSE OF DEATH									
DISEASES OF HEART......................	2,166	1,128	1,038	1,367	736	631	799	392	407
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	1,588	845	743	1,098	636	462	490	209	281
CEREBROVASCULAR DISEASES...............	530	226	304	317	149	168	213	77	136
CIRRHOSIS OF LIVER.....................	297	188	109	249	155	94	48	33	15
INFLUENZA AND PNEUMONIA................	234	133	101	159	98	61	75	35	40
ACCIDENTS..............................	226	162	64	177	135	42	49	27	22
ARTERIOSCLEROSIS.......................	174	77	97	83	42	41	91	35	56
HOMICIDE...............................	173	141	32	160	133	27	13	8	5
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY...............................	153	77	76	145	74	71	8	3	5
DIABETES MELLITUS......................	129	48	81	102	38	64	27	10	17
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES.......................	73	39	34	46	19	27	27	20	7
SUICIDE................................	67	50	17	37	31	6	30	19	11
SEPTICEMIA.............................	56	31	25	42	23	19	14	8	6
BRONCHITIS, EMPHYSEMA AND ASTHMA........	52	32	20	31	18	13	21	14	7
CONGENITAL ANOMALIES...................	39	21	18	35	19	16	4	2	2
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS.........................	37	18	19	36	17	19	1	1	-
TUBERCULOSIS, ALL FORMS................	33	26	7	29	23	6	4	3	1
HERNIA AND INTESTINAL OBSTRUCTION.......	33	12	21	20	6	14	13	6	7
HYPERTENSION...........................	25	14	11	18	9	9	7	5	2
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE.....................	23	11	12	15	8	7	8	3	5
RESIDUAL...............................	851	460	391	610	344	266	241	116	125

Table 15.--RESIDENT CRUDE DEATH RATES FROM 20 LEADING CAUSES, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1978

Rank for total deaths	ICDA Code 8th Revision	Cause of death	Rates per 100,000 population								
			Total			Black			White		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
		All Causes..................	1,029.3	1,234.4	862.8	950.8	1,199.4	747.2	1,256.0	1,337.7	1,191.6
1	390-398,402,404,410-429	Diseases of heart......................	320.4	372.4	278.1	272.1	325.4	228.5	459.7	511.1	419.2
2	140-209	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.	234.9	279.0	199.1	218.6	281.2	167.3	281.9	272.5	289.4
3	430-438	Cerebrovascular diseases................	78.4	74.6	81.5	63.1	65.9	60.8	122.6	100.4	140.1
4	571	Cirrhosis of liver......................	43.9	62.1	29.2	49.6	68.5	34.0	27.6	43.0	15.4
5	470-474,480-486	Influenza and pneumonia.................	34.6	43.9	27.1	31.7	43.3	22.1	43.2	45.6	41.2
6	E800-E949	Accidents...............................	33.4	53.5	17.1	35.2	59.7	15.2	28.2	35.2	22.7
7	440	Arteriosclerosis........................	25.7	25.4	26.0	16.5	18.6	14.8	52.4	45.6	57.7
8	E960-E978	Homicide................................	25.6	46.6	8.6	31.9	58.8	9.8	7.5	10.4	5.1
9	760-769,2,769.4-772, 774-778	Certain causes of mortality in early infancy............................	22.6	25.4	20.4	28.9	32.7	25.7	4.6	3.9	5.1
10	250	Diabetes mellitus.......................	19.1	15.8	21.7	20.3	16.8	23.2	15.5	13.0	17.5
11	441-448	Other diseases of arteries, arterioles and capillaries......................	10.8	12.9	9.1	9.2	8.4	9.8	15.5	26.1	7.2
12	E950-E959	Suicide.................................	9.9	16.5	4.6	7.4	13.7	2.2	17.3	24.8	11.3
13	038	Septicemia..............................	8.3	10.2	6.7	8.4	10.2	6.9	8.1	10.4	6.2
14	490-493	Bronchitis, emphysema and asthma........	7.7	10.6	5.4	6.2	8.0	4.7	12.1	18.3	7.2
15	740-759	Congenital anomalies....................	5.8	6.9	4.8	7.0	8.4	5.8	2.3	2.6	2.1
16	582-584	Chronic and unqualified nephritis and renal sclerosis......................	5.5	5.9	5.1	7.2	7.5	6.9	0.6	1.3	-
17	010-019	Tuberculosis............................	4.9	8.6	1.9	5.8	10.2	2.2	2.3	3.9	1.0
18	550-553,560	Hernia and intestinal obstruction.......	4.9	4.0	5.6	4.0	2.7	5.1	7.5	7.8	7.2
19	400,401,403	Hypertension............................	3.7	4.6	2.9	3.6	4.0	3.3	4.0	6.5	2.1
20	210-239	Benign Neoplasms and Neoplasms of etc. .	3.4	3.6	3.2	3.0	3.5	2.5	4.6	3.9	5.1
21	All others	Residual................................	125.9	151.9	104.8	121.4	152.1	96.3	138.7	151.2	128.7

Table 16.--RESIDENT AGE-ADJUSTED DEATH RATES FROM 20 LEADING CAUSES, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1978

Rank for total deaths	ICDA Code 8th Revision	Cause of death	Rates per 100,000 population								
			Total			Black			White		
			Total	Male	Female	Total	Male	Female	Total	Male	Female
		All Causes..................	801.3	1,087.0	599.2	940.2	1,273.3	694.3	551.0	730.7	436.4
1	390-398,402,404,410-429	Diseases of heart.......................	228.3	313.5	170.0	262.4	344.3	202.5	177.1	256.5	127.9
2	140-209	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.	178.1	238.0	139.8	214.1	298.3	155.2	126.5	145.0	117.8
3	430-438	Cerebrovascular diseases................	55.9	63.3	50.4	61.7	71.1	54.5	42.9	45.5	41.8
4	571	Cirrhosis of liver......................	41.5	60.1	27.3	52.6	75.6	35.1	18.3	28.6	10.8
5	470-474,480-486	Influenza and pneumonia.................	26.2	38.7	17.4	31.3	47.0	20.0	18.2	26.8	11.5
6	E800-E949	Accidents...............................	30.7	51.3	14.2	35.9	63.0	15.1	20.1	27.9	13.8
7	440	Arteriosclerosis........................	16.2	19.8	14.1	15.6	20.0	12.7	16.6	19.3	15.3
8	E960-E978	Homicide................................	24.9	46.1	7.7	32.7	62.4	9.6	5.7	8.6	3.1
9	760-769.2,769.4-772, 774-778	Certain causes of mortality in early infancy................................	29.0	29.1	28.9	30.2	30.6	29.9	16.4	13.4	19.1
10	250	Diabetes mellitus.......................	14.0	13.7	13.7	19.6	17.6	20.5	5.9	6.1	6.0
11	441-448	Other diseases of arteries, arterioles and capillaries.......................	7.6	10.7	5.9	8.8	9.0	8.7	5.5	12.3	1.9
12	E950-E959	Suicide.................................	9.4	16.4	3.6	7.8	15.1	2.1	13.2	20.3	6.9
13	038	Septicemia..............................	6.2	8.6	4.7	8.3	10.6	6.6	2.6	4.5	1.6
14	490-493	Bronchitis, emphysema and asthma........	5.8	8.9	4.0	6.1	8.6	4.5	4.5	8.4	2.5
15	740-759	Congenital anomalies....................	7.1	7.8	6.4	7.1	7.8	6.5	7.3	8.9	6.1
16	582-584	Chronic and unqualified nephritis and renal sclerosis........................	4.2	5.1	3.6	7.0	8.1	6.2	0.2	0.6	-
17	010-019	Tuberculosis............................	4.0	7.6	1.5	5.8	10.9	2.1	1.0	2.1	0.3
18	550-553,560	Hernia and intestinal obstruction.......	3.6	3.2	3.8	3.8	2.9	4.7	3.1	4.2	2.2
19	400,401,403	Hypertension............................	2.7	4.0	1.7	3.6	4.4	2.9	1.4	3.1	0.5
20	210-239	Benign Neoplasms and Neoplasms of unspecified nature.....................	2.5	3.0	2.2	2.9	3.6	2.3	1.5	1.7	1.4
21	All others	Residual................................	104.1	138.0	78.0	122.8	163.1	92.6	62.9	87.1	45.8

Table 17 .—PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1978

ICD Code 8th Revision	Cause of death and age	Male	
		Number	Rate [1]
	1–4 years		
	Total	14	85.0
E800–E949	Accidents	6	36.4
320	Meningitis	2	12.1
140–209	Malignant neoplasms	1	6.1
740–759	Congenital anomalies	1	6.1
Residual	All other causes	4	24.3
	5–14 years		
	Total	20	41.5
E800–E949	Accidents	8	16.6
140–209	Malignant neoplasms	2	4.1
390–398, 402, 404, 410–429	Diseases of heart	1	2.1
430–438	Cerebrovascular disease	1	2.1
470–474, 480–486	Influenza and pneumonia	1	2.1
740–759	Congenital anomalies	1	2.1
Residual	All other causes	6	12.4
	15–24 years		
	Total	76	136.9
E960–E978	Homicide	27	48.6
E800–E949	Accidents	18	32.4
E950–E959	Suicide	6	10.8
140–209	Malignant neoplasms	5	9.0
390–398, 402, 404, 410–429	Diseases of heart	5	9.0
740–759	Congenital anomalies	2	3.6
Residual	All other causes	13	23.4

ICD Code 8th Revision	Cause of death and age	Female	
		Number	Rate [1]
	1–4 years		
	Total	9	54.7
E800–E949	Accidents	3	18.2
140–209	Malignant neoplasms	1	6.1
390–398, 402, 404, 410–429	Diseases of heart	1	6.1
740–759	Congenital anomalies	1	6.1
Residual	All other causes	3	18.2
	5–14 years		
	Total	13	26.9
E800–E949	Accidents	6	12.4
740–759	Congenital anomalies	3	6.2
140–209	Malignant neoplasms	1	2.1
Residual	All other causes	3	6.2
	15–24 years		
	Total	29	42.0
E960–E978	Homicide	4	5.8
140–209	Malignant neoplasms	4	5.8
390–398, 402, 404, 410–429	Diseases of heart	4	5.8
430–438	Cerebrovascular disease	2	2.9
470–474, 480–486	Influenza and pneumonia	2	2.9
740–759	Congenital anomalies	1	1.4
Residual	All other causes	12	17.4

Table 17.--PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1978-CONTINUED

ICD Code 8th Revision	Cause of death and age	Male		ICD Code 8th Revision	Cause of death and age	Female	
		Number	Rate[1]			Number	Rate[1]
	25–44 years				25–44 years		
	Total	477	530.0		Total	160	146.8
E960–E978	Homicide	78	86.7	140–209	Malignant neoplasms	33	30.3
E800–E949	Accidents	49	54.4	571	Cirrhosis of liver	28	25.7
390–398, 402, 404,	Diseases of heart			E960–E978	Homicide	15	13.8
410–429		45	50.0	390–398, 402, 404,	Diseases of heart		
571	Cirrhosis of liver	43	47.8	410–429		12	11.0
140–209	Malignant neoplasms, etc	28	31.1	430–438	Cerebrovascular disease	9	8.3
E950–E959	Suicide	22	24.4	E800–E949	Accidents	6	5.5
470–474, 480–486	Influenza and pneumonia	18	20.0	E950–E959	Suicide	6	5.5
430–438	Cerebrovascular disease	17	18.9	038	Septicemia	3	2.8
Residual	All other causes	177	196.7	Residual	All other causes	48	44.0
	45–64 years				45–64 years		
	Total	1,266	2048.5		Total	774	981.0
390–398, 402, 404,	Diseases of heart			140–209	Malignant neoplasms	270	342.2
410–429		391	632.7	390–398, 402, 404,	Diseases of heart		
140–209	Malignant neoplasms	347	561.5	410–429		191	242.1
571	Cirrhosis of liver	117	189.3	571	Cirrhosis of liver	60	76.0
430–438	Cerebrovascular disease	68	110.0	430–438	Cerebrovascular disease	59	74.8
470–474, 480–486	Influenza and pneumonia	44	71.2	250	Diabetes mellitus	23	29.2
E800–E949	Accidents	43	69.6	E800–E949	Accidents	18	22.8
E960–E978	Homicide	30	48.5	470–474, 480–486	Influenza and pneumonia	11	13.9
250	Diabetes mellitus	25	40.5	441–448	Other diseases of arteries, arterioles		
Residual	All other causes	201	325.2		and capill.	9	11.4
				Residual	All other causes	133	168.6

Table 17.—PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA 1978–CONTINUED

ICD Code 8th Revision	Cause of death and age	Male		ICD Code 8th Revision	Cause of death and age	Female	
		Number	Rate[1]			Number	Rate[1]
	65 years and over				65 years and over		
	Total	1,800	6870.2		Total	2,115	4509.6
390–398, 402, 404, 410–429	Diseases of heart	684	2610.7	390–398, 402, 404, 410–429	Diseases of heart	827	1763.3
140–209	Malignant neoplasms	462	1763.4	140–209	Malignant neoplasms	433	923.2
430–438	Cerebrovascular disease	146	557.3	430–438	Cerebrovascular disease	237	505.3
440	Arteriosclerosis	73	278.6	440	Arteriosclerosis	97	206.8
470–474, 480–486	Influenza and pneumonia	69	263.4	470–474, 480–486	Influenza and pneumonia	81	172.7
E800–E949	Accidents	34	129.8	250	Diabetes mellitus	57	121.5
441–448	Other diseases of arteries, arterioles and capill.	29	110.7	E800–E949	Accidents	27	57.6
571	Cirrhosis of liver	27	103.1	441–448	Other diseases of arteries, arterioles, etc.	23	49.0
Residual	All other causes	276	1053.4	Residual	All other causes	333	710.0

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[1] Rates per 100,000 population in specified group.

TABLE 18. DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX DISTRICT OF COLUMBIA, 1978

										AGE (IN YEARS)											
	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
TOTAL																					
TOTAL.............	6959	242	23	22	11	28	77	101	116	145	196	279	451	639	671	810	834	730	680	891	13
RACE																					
BLACK																					
MALE.............	2713	120	14	9	6	19	45	69	73	93	120	147	245	337	324	343	291	191	120	140	7
FEMALE..........	2063	109	6	9	4	7	20	22	30	37	51	108	140	186	188	235	259	223	185	242	2
WHITE																					
MALE.............	1026	6	-	4	1	2	10	4	8	10	21	13	37	71	92	127	152	152	154	160	2
FEMALE..........	1157	7	3	-	-	-	2	6	5	5	4	11	29	45	67	105	132	164	221	349	2
CAUSE OF DEATH																					
DISEASES OF HEART																					
TOTAL.............	2166	1	1	1	-	2	7	6	11	13	27	62	110	193	217	273	323	288	274	353	4
RACE																					
BLACK																					
MALE.............	736	-	-	-	-	1	4	4	7	11	15	32	61	115	104	118	110	66	35	51	2
FEMALE..........	631	1	-	-	-	1	3	2	4	2	4	20	31	52	58	75	110	93	73	101	1
WHITE																					
MALE.............	392	-	-	1	-	-	-	-	-	-	8	8	12	21	38	53	60	67	64	60	-
FEMALE..........	407	-	1	-	-	-	-	-	-	-	-	2	6	5	17	27	43	62	102	141	1
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES																					
TOTAL.............	1588	-	2	2	1	2	7	6	7	19	29	71	142	191	213	255	233	175	115	117	1
RACE																					
BLACK																					
MALE.............	636	-	1	-	1	1	1	1	2	5	13	33	67	89	107	110	92	57	32	24	-
FEMALE..........	462	-	-	1	-	1	3	2	3	10	10	32	54	58	56	67	60	53	21	30	1
WHITE																					
MALE.............	209	-	-	1	-	-	3	-	2	2	3	1	7	20	23	28	38	29	28	24	-
FEMALE..........	281	-	1	-	-	-	-	3	-	2	3	5	14	24	27	50	43	36	34	39	-
CEREBROVASCULAR DISEASES																					
TOTAL.............	530	-	-	-	1	1	2	5	1	8	12	15	24	35	41	61	65	70	82	105	2
RACE																					
BLACK																					
MALE.............	149	-	-	-	1	-	1	3	-	4	9	10	14	16	13	23	20	12	13	9	1
FEMALE..........	168	-	-	-	-	1	1	2	1	3	3	5	7	16	16	26	20	26	22	19	-
WHITE																					
MALE.............	77	-	-	-	-	-	-	-	-	1	-	-	1	1	4	8	10	14	16	21	1
FEMALE..........	136	-	-	-	-	-	-	-	-	-	-	-	2	2	8	4	15	18	31	56	-
CIRRHOSIS OF LIVER																					
TOTAL.............	297	1	-	-	-	-	1	5	14	18	34	44	52	53	28	27	11	6	2	-	1

TABLE 18. DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

	AGE (IN YEARS)																				
CAUSE OF DEATH	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
CIRRHOSIS OF LIVER																					
RACE																					
BLACK																					
MALE.............	155	-	-	-	-	-	-	3	7	12	18	23	30	32	12	12	3	2	-	-	1
FEMALE...........	94	1	-	-	-	-	1	2	7	6	12	17	13	11	9	7	5	2	1	-	-
WHITE																					
MALE.............	33	-	-	-	-	-	-	-	-	-	3	1	7	6	6	5	3	1	1	-	-
FEMALE...........	15	-	-	-	-	-	-	-	-	-	1	3	2	4	1	3	-	1	-	-	-
INFLUENZA AND PNEUMONIA																					
TOTAL.............	234	5	-	1	-	1	2	4	5	4	7	9	15	19	12	24	21	25	25	55	-
RACE																					
BLACK																					
MALE.............	98	-	-	-	-	-	1	3	4	4	5	8	9	13	6	10	13	7	6	9	-
FEMALE...........	61	5	-	-	-	1	1	1	-	-	1	1	3	3	2	10	4	5	7	17	-
WHITE																					
MALE.............	35	-	-	1	-	-	-	-	1	-	1	-	3	3	2	4	2	5	5	8	-
FEMALE...........	40	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	8	7	21	-
ACCIDENTS																					
TOTAL.............	226	7	9	8	6	5	14	17	16	11	11	13	13	15	20	15	16	8	10	12	-
RACE																					
BLACK																					
MALE.............	135	4	6	5	2	3	11	13	13	11	9	8	11	6	12	9	8	2	1	1	-
FEMALE...........	42	3	2	3	3	-	-	1	2	-	2	5	-	3	6	4	3	-	3	2	-
WHITE																					
MALE.............	27	-	-	-	1	2	2	3	-	-	-	-	1	3	2	1	3	3	3	3	-
FEMALE...........	22	-	1	-	-	-	1	-	1	-	-	-	1	3	-	1	2	3	3	6	-
ARTERIOSCLEROSIS																					
TOTAL.............	174	-	-	-	-	-	-	-	-	-	-	-	-	2	1	8	14	16	45	87	1
RACE																					
BLACK																					
MALE.............	42	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	2	5	14	15	-
FEMALE...........	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	4	12	17	-
WHITE																					
MALE.............	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	4	6	19	1
FEMALE...........	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	3	13	36	-
HOMICIDE																					
TOTAL.............	173	1	-	-	-	10	21	32	28	16	17	8	12	11	6	5	2	2	1	1	-
RACE																					
BLACK																					
MALE.............	133	1	-	-	-	8	18	27	22	14	12	7	9	10	2	2	1	-	-	-	-
FEMALE...........	27	-	-	-	-	2	2	5	4	1	3	1	2	1	2	2	1	-	-	1	-
WHITE																					
MALE.............	8	-	-	-	-	-	1	-	1	-	2	-	1	-	1	1	-	1	-	-	-
FEMALE...........	5	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	1	1	-	-

TABLE 18. DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

CAUSE OF DEATH	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
		AGE (IN YEARS)																			
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY																					
TOTAL.............	153	153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RACE																					
BLACK																					
MALE.............	74	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE...........	71	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WHITE																					
MALE.............	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE...........	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIABETES MELLITUS																					
TOTAL.............	129	-	-	-	-	1	-	-	1	1	-	5	8	14	21	21	14	15	13	15	-
RACE																					
BLACK																					
MALE.............	38	-	-	-	-	1	-	-	-	1	-	1	7	4	11	4	4	2	2	1	-
FEMALE...........	64	-	-	-	-	-	-	-	-	-	-	4	1	8	7	14	8	5	10	7	-
WHITE																					
MALE.............	10	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	-	1	4	-
FEMALE...........	17	-	-	-	-	-	-	-	1	-	-	-	-	2	1	2	-	8	-	3	-
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES																					
TOTAL.............	73	-	-	-	-	-	1	1	-	-	1	3	2	6	7	12	11	10	6	13	-
RACE																					
BLACK																					
MALE.............	19	-	-	-	-	-	-	-	-	-	1	2	-	3	2	6	2	2	-	1	-
FEMALE...........	27	-	-	-	-	-	1	1	-	-	-	-	2	3	4	2	5	2	1	6	-
WHITE																					
MALE.............	20	-	-	-	-	-	-	-	-	-	-	1	-	-	1	3	4	5	3	3	-
FEMALE...........	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	3	-
SUICIDE																					
TOTAL.............	67	-	-	-	1	-	6	9	6	9	4	4	7	2	9	4	3	1	1	1	-
RACE																					
BLACK																					
MALE.............	31	-	-	-	1	-	4	5	4	6	3	2	3	-	2	1	-	-	-	-	-
FEMALE...........	6	-	-	-	-	-	-	1	1	-	-	-	1	-	1	1	-	1	-	-	-
WHITE																					
MALE.............	19	-	-	-	-	-	2	1	-	2	1	2	2	2	4	-	1	-	1	1	-
FEMALE...........	11	-	-	-	-	-	-	2	1	1	-	-	1	-	2	2	2	-	-	-	-
SEPTICEMIA																					
TOTAL.............	56	3	-	-	-	-	-	-	-	2	1	2	2	4	3	6	9	7	7	10	-

TABLE 18. DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

CAUSE OF DEATH	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
SEPTICEMIA																					
RACE																					
BLACK																					
MALE.............	23	2	-	-	-	-	-	-	-	-	-	1	1	4	3	4	3	2	2	1	-
FEMALE...........	19	1	-	-	-	-	-	-	-	2	1	1	1	-	-	2	2	3	1	5	-
WHITE																					
MALE.............	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	2	2	-
FEMALE...........	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	-
BRONCHITIS, EMPHYSEMA AND ASTHMA																					
TOTAL.............	52	1	-	-	-	-	1	-	1	2	1	2	1	6	7	10	5	7	6	2	-
RACE																					
BLACK																					
MALE.............	18	-	-	-	-	-	-	-	-	2	-	1	1	2	3	4	1	2	1	1	-
FEMALE...........	13	1	-	-	-	-	1	-	1	-	1	1	-	3	1	-	-	1	2	1	-
WHITE																					
MALE.............	14	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	3	2	3	-	-
FEMALE...........	7	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	2	-	-	-
CONGENITAL ANOMALIES																					
TOTAL.............	39	28	2	4	-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
RACE																					
BLACK																					
MALE.............	19	15	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE...........	16	10	1	3	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
WHITE																					
MALE.............	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEMALE...........	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS																					
TOTAL.............	37	-	-	-	-	-	1	3	-	1	-	1	3	6	2	5	3	7	3	2	-
RACE																					
BLACK																					
MALE.............	17	-	-	-	-	-	-	2	-	1	-	-	2	1	2	2	1	5	1	-	-
FEMALE...........	19	-	-	-	-	-	1	1	-	-	-	1	1	5	-	3	1	2	2	2	-
WHITE																					
MALE.............	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TUBERCULOSIS, ALL FORMS																					
TOTAL.............	33	-	-	-	-	-	-	-	1	2	3	2	4	5	2	2	6	1	3	1	1
RACE																					
BLACK																					
MALE.............	23	-	-	-	-	-	-	-	1	1	3	2	3	2	1	2	5	1	-	1	1

TABLE 18. DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

	AGE (IN YEARS)																				
CAUSE OF DEATH	ALL AGES	UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
TUBERCULOSIS, ALL FORMS																					
RACE																					
BLACK																					
FEMALE..........	6	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	-	2	-	-
WHITE																					
MALE............	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-
FEMALE..........	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
HERNIA AND INTESTINAL OBSTRUCTION																					
TOTAL............	33	1	-	-	-	-	-	-	2	1	2	-	-	4	3	3	2	4	3	6	1
RACE																					
BLACK																					
MALE............	6	1	-	-	-	-	-	-	-	-	1	-	-	-	1	2	-	-	-	-	1
FEMALE..........	14	-	-	-	-	-	-	-	1	1	1	-	-	3	-	1	2	2	1	2	-
WHITE																					
MALE............	6	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	1	-	1	1	-
FEMALE..........	7	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	3	-
HYPERTENSION																					
TOTAL............	25	-	-	-	-	-	-	-	-	-	2	1	1	2	2	1	1	4	4	7	-
RACE																					
BLACK																					
MALE............	9	-	-	-	-	-	-	-	-	-	2	-	1	1	2	-	1	-	-	2	-
FEMALE..........	9	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	3	2	2	-
WHITE																					
MALE............	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	1	-
FEMALE..........	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE																					
TOTAL............	23	-	-	-	-	-	1	-	-	-	-	1	2	1	4	2	5	2	2	3	-
RACE																					
BLACK																					
MALE............	8	-	-	-	-	-	-	-	-	-	-	1	-	1	3	-	-	1	-	2	-
FEMALE..........	7	-	-	-	-	-	1	-	-	-	-	-	2	-	1	-	1	-	2	-	-
WHITE																					
MALE............	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-
FEMALE..........	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	1	-
RESIDUAL																					
TOTAL............	851	41	9	6	2	5	11	12	22	38	45	36	53	70	73	76	85	82	78	101	2
RACE																					
BLACK																					
MALE............	344	23	6	3	1	4	4	8	13	21	29	16	26	36	37	31	25	25	13	22	1

TABLE 18. DEATHS FROM 20 LEADING CAUSES BY AGE, RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

CAUSE OF DEATH	ALL AGES	AGE (IN YEARS) UNDER 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 AND OVER	NOT STATED
RESIDUAL																					
RACE																					
BLACK																					
FEMALE..........	266	16	3	2	1	1	5	3	5	11	13	19	21	19	24	18	31	21	23	30	-
WHITE																					
MALE............	116	1	-	1	-	-	2	-	3	5	3	-	3	11	6	16	15	19	18	13	-
FEMALE..........	125	1	-	-	-	-	-	1	1	1	-	1	3	4	6	11	18	17	24	36	1

TABLE 19.--NUMBER OF RESIDENT DEATHS AND CRUDE AND AGE-ADJUSTED DEATH RATES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1978

Age (in years)	Total			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
NUMBER									
TOTAL........	6,959	3,739	3,220	4,776	2,713	2,063	2,183	1,026	1,157
Under 5..............	265	140	125	249	134	115	16	6	10
5-14..................	33	20	13	28	15	13	5	5	-
15-24..................	105	76	29	91	64	27	14	12	2
25-34..................	217	154	63	194	142	52	23	12	11
35-44..................	341	244	97	301	213	88	40	31	9
45-54..................	730	442	288	640	392	248	90	50	40
55-64..................	1,310	824	486	1,035	661	374	275	163	112
65 and over............	3,945	1,830	2,115	2,229	1,085	1,144	1,716	745	971
Not stated............	13	9	4	9	7	2	4	2	2
RATES									
AGE-ADJUSTED[1]....	801.3	1087.0	599.2	940.2	1273.3	694.3	551.0	730.7	436.4
CRUDE[2]........	1029.3	1234.4	862.8	950.8	1199.4	747.2	1256.0	1337.7	1191.6
Under 5..............	626.5	660.4	592.4	648.4	690.7	605.3	410.3	333.3	476.2
5-14..................	34.2	41.5	26.9	32.4	34.7	30.1	49.5	100.0	-
15-24..................	84.3	136.9	42.0	83.8	134.5	44.3	88.1	151.9	25.0
25-34..................	181.9	288.9	95.5	239.5	400.0	114.3	60.1	67.4	53.7
35-44..................	427.9	664.9	225.6	546.3	887.5	283.0	162.6	244.1	75.6
45-54..................	1011.1	1360.0	725.4	1214.4	1682.4	843.5	461.5	543.5	388.3
55-64..................	1912.4	2812.3	1239.8	2357.6	3478.9	1502.0	1117.9	1582.5	783.2
65 and over............	5396.7	6984.7	4509.6	6157.5	7640.8	5200.0	4650.4	6208.3	3899.6

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[1] Based on age-specific death rates by 5 year age groups, per 100,000 population in specified group. Computed by the direct method using as the standard population the age distribution of the total population of the United States as enumerated in 1940.

[2] Rates per 100,000 population.

TABLE 20. DEATHS FROM 70 SELECTED CAUSES BY RACE AND SEX DISTRICT OF COLUMBIA, 1978

CAUSE OF DEATH	TOTAL	TOTAL		RACE					
				BLACK			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL CAUSES................................	6,959	3,739	3,220	4,776	2,713	2,063	2,183	1,026	1,157
ENTERITIS AND OTHER DIARRHEAL DISEASES..	14	8	6	13	8	5	1	–	1
TUBERCULOSIS, ALL FORMS.................	33	26	7	29	23	6	4	3	1
TUBERCULOSIS OF RESPIRATORY SYSTEM...	29	24	5	26	22	4	3	2	1
TUBERCULOSIS, OTHER FORMS............	4	2	2	3	1	2	1	1	–
MENINGOCOCCAL INFECTIONS................	1	1	–	1	1	–	–	–	–
SEPTICEMIA..............................	56	31	25	42	23	19	14	8	6
INFECTIOUS HEPATITIS....................	5	1	4	5	1	4	–	–	–
SYPHILIS AND ITS SEQUELAE...............	3	2	1	3	2	1	–	–	–
OTHER INFECTIVE AND PARASITIC DISEASES..	10	8	2	9	7	2	1	1	–
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	1,588	845	743	1,098	636	462	490	209	281
MALIGNANT NEOPLASM OF BUCCAL CAVITY AND PHARYNX........................	63	44	19	52	38	14	11	6	5
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM.................	478	249	229	337	188	149	141	61	80
MALIGNANT NEOPLASM OF RESPIRATORY SYSTEM...............................	366	273	93	267	207	60	99	66	33
MALIGNANT NEOPLASM OF BREAST.........	148	2	146	80	2	78	68	–	68
MALIGNANT NEOPLASM OF GENITAL ORGANS.	190	96	94	137	72	65	53	24	29
MALIGNANT NEOPLASM OF URINARY ORGANS.	66	33	33	39	22	17	27	11	16
MALIGNANT NEOPLASM OF ALL OTHER AND UNSPECIFIED SITES.....................	191	107	84	138	82	56	53	25	28
LEUKEMIA.............................	32	19	13	23	14	9	9	5	4
OTHER NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES.................	54	22	32	25	11	14	29	11	18
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE.....................	23	11	12	15	8	7	8	3	5
DIABETES MELLITUS.......................	129	48	81	102	38	64	27	10	17
AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCIES..........................	6	4	2	6	4	2	–	–	–
ANEMIAS.................................	19	13	6	16	12	4	3	1	2
MENINGITIS..............................	6	5	1	6	5	1	–	–	–
MAJOR CARDIOVASCULAR DISEASES...........	2,968	1,484	1,484	1,831	955	876	1,137	529	608
DISEASES OF HEART....................	2,166	1,128	1,038	1,367	736	631	759	352	407
ACTIVE RHEUMATIC FEVER AND CHRONIC RHEUMATIC HEART DISEASE................	43	17	26	26	12	14	17	5	12
HYPERTENSIVE HEART DISEASE........	28	13	15	19	9	10	9	4	5
HYPERTENSIVE HEART AND RENAL DISEASE.................................	26	8	18	9	2	7	17	6	11
ISCHEMIC HEART DISEASE............	1,850	989	861	1,155	635	520	695	354	341
ACUTE MYOCARDIAL INFARCTION....	403	209	194	214	112	102	189	97	92
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE..............	4	2	2	2	1	1	2	1	1
CHRONIC ISCHEMIC HEART DISEASE.	1,442	778	664	938	522	416	504	256	248
ANGINA PECTORIS, ETC...........	1	–	1	1	–	1	–	–	–

TABLE 20. DEATHS FROM 70 SELECTED CAUSES BY RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

	TOTAL			RACE					
				BLACK			WHITE		
CAUSE OF DEATH	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CHRONIC DISEASE OF ENDOCARDIUM AND OTHER MYOCARDIAL INSUFFICIENCY........	17	9	8	9	5	4	8	4	4
ALL OTHER FORMS OF HEART DISEASE..	202	92	110	149	73	76	53	19	34
HYPERTENSION...........................	25	14	11	18	9	9	7	5	2
CEREBROVASCULAR DISEASES..............	530	226	304	317	149	168	213	77	136
CEREBRAL HEMORRHAGE.................	111	57	54	82	46	36	29	11	18
CEREBRAL THROMBOSIS.................	107	44	63	49	22	27	58	22	36
CEREBRAL EMBOLISM...................	2	-	2	1	-	1	1	-	1
ALL OTHER CEREBROVASCULAR DISEASES	310	125	185	185	81	104	125	44	81
ARTERIOSCLEROSIS......................	174	77	97	83	42	41	91	35	56
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES............	73	39	34	46	19	27	27	20	7
ACUTE BRONCHITIS AND BRONCHIOLITIS......	1	1	-	-	-	-	1	1	-
INFLUENZA AND PNEUMONIA..................	234	133	101	159	98	61	75	35	40
INFLUENZA..............................	4	2	2	2	1	1	2	1	1
PNEUMONIA..............................	230	131	99	157	97	60	73	34	39
BRONCHITIS, EMPHYSEMA AND ASTHMA........	52	32	20	31	18	13	21	14	7
CHRONIC AND UNQUALIFIED BRONCHITIS...	5	1	4	3	-	3	2	1	1
EMPHYSEMA..............................	38	30	8	20	17	3	18	13	5
ASTHMA.................................	9	1	8	8	1	7	1	-	1
PEPTIC ULCER.............................	22	12	10	13	6	7	9	6	3
APPENDICITIS.............................	3	-	3	2	-	2	1	-	1
HERNIA AND INTESTINAL OBSTRUCTION.......	33	12	21	20	6	14	13	6	7
CIRRHOSIS OF LIVER.......................	297	188	109	249	155	94	48	33	15
CHOLELITHIASIS, CHOLECYSTITIS AND CHOLANGITIS.............................	3	-	3	1	-	1	2	-	2
NEPHRITIS AND NEPHROSIS..................	44	24	20	42	23	19	2	1	1
ACUTE NEPHRITIS AND NEPHROTIC SYNDROME................................	7	6	1	6	6	-	1	-	1
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS.......................	37	18	19	36	17	19	1	1	-
INFECTIONS OF KIDNEY.....................	14	9	5	11	7	4	3	2	1
HYPERPLASIA OF PROSTATE..................	5	5	-	3	3	-	2	2	-
CONGENITAL ANOMALIES.....................	39	21	18	35	19	16	4	2	2
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY................................	153	77	76	145	74	71	8	3	5
BIRTH INJURY, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS...	58	29	29	53	27	26	5	2	3
OTHER CAUSES OF MORTALITY IN EARLY INFANCY.............................	95	48	47	92	47	45	3	1	2
SYMPTOMS AND ILL-DEFINED CONDITIONS.....	95	47	48	72	35	37	23	12	11
ALL OTHER DISEASES.......................	584	302	282	403	218	185	181	84	97
ACCIDENTS................................	226	162	64	177	135	42	49	27	22
MOTOR VEHICLE ACCIDENTS...............	69	49	20	51	38	13	18	11	7
ALL OTHER ACCIDENTS...................	157	113	44	126	97	29	31	16	15
SUICIDE..................................	67	50	17	37	31	6	30	19	11

TABLE 20. DEATHS FROM 70 SELECTED CAUSES BY RACE AND SEX DISTRICT OF COLUMBIA, 1978 - CONTINUED

	TOTAL			RACE					
				BLACK			WHITE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
CAUSE OF DEATH									
HOMICIDE..................................	173	141	32	160	133	27	13	8	5
OTHER EXTERNAL CAUSES....................	52	36	16	39	29	10	13	7	6

TABLE 21 DEATHS FROM 20 LEADING CAUSES BY WARD DISTRICT OF COLUMBIA, 1978

	TOTAL	WARD WARD 1	WARD 2	WARD 3	WARD 4	WARD 5	WARD 6	WARD 7	WARD 8	NOT STATED
TOTAL................	6,959	1,047	937	984	1,017	974	803	754	418	25
CAUSE OF DEATH										
DISEASES OF HEART...	2,168	339	301	338	339	286	237	219	104	4
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES...........	1,588	216	209	232	250	226	176	187	78	4
CEREBROVASCULAR DISEASES..........	530	61	51	115	79	72	68	57	25	2
CIRRHOSIS OF LIVER..	297	66	57	11	29	39	48	33	15	-
INFLUENZA AND PNEUMONIA.........	234	41	33	33	31	33	30	16	13	4
ACCIDENTS...........	226	33	32	22	28	29	33	32	17	1
ARTERIOSCLEROSIS....	174	24	23	43	25	24	21	9	5	-
HOMICIDE............	173	35	30	2	15	19	26	24	22	-
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY...........	153	20	14	3	14	24	23	21	34	-
DIABETES MELLITUS...	129	20	17	15	17	18	17	14	11	-
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES.......	73	6	10	10	17	13	8	5	4	-
SUICIDE.............	67	7	11	13	13	9	4	7	3	-
SEPTICEMIA..........	56	18	5	6	7	6	5	3	5	1
BRONCHITIS, EMPHYSEMA AND ASTHMA............	52	8	5	11	5	9	3	5	5	1
CONGENITAL ANOMALIES	39	4	6	4	4	5	4	4	8	-
CHRONIC AND UNQUALIFIED NEPHRITIS AND RENAL SCLEROSIS...	37	5	5	-	4	7	5	8	3	-
TUBERCULOSIS, ALL FORMS.............	33	10	8	-	3	5	5	1	-	1
HERNIA AND INTESTINAL OBSTRUCTION.......	33	2	2	6	5	4	5	5	3	- 1
HYPERTENSION........	25	3	3	4	2	4	3	5	1	-
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	23	3	3	5	5	2	2	2	1	-
RESIDUAL............	851	126	112	111	117	141	80	97	61	6

TABLE 22.--INFANT DEATHS AND DEATH RATES BY AGE AND RACE, AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970-1978 AND AVERAGES, 1950-1974

Year	Infant deaths									Fetal deaths		
	Total			Less than 28 days			Less than 7 days					
	Total	Black	White	Total	Black	White	Total	Black	White	Total	Black	White
NUMBER												
1978	242	229	13	179	168	11	164	154	10	137	125	12
1977	270	251	19	203	189	14	172	159	13	160	152	8
1976	240	230	10	193	188	5	175	170	5	169	154	15
1975	279	254	25	220	198	22	194	174	20	149	138	11
1974	277	255	22	216	196	20	181	167	14	140	127	13
1973	276	245	31	208	185	23	182	164	18	141	127	14
1972	323	296	27	235	213	22	209	194	15	250	216	34
1971	396	368	28	294	273	21	274	255	19	286	240	46
1970	432	389	43	339	303	36	302	270	32	258	228	30
ANNUAL AVERAGE												
1970-1974	341	311	30	258	234	24	230	210	20	215	188	27
1965-1969	511	451	60	387	339	48	357	312	45	314	276	38
1960-1964	684	542	142	513	402	111	470	370	100	370	295	75
1955-1959	678	498	180	520	374	146	473	340	133	355	258	97
1950-1954	628	337	291	499	255	244	444	225	219	398	237	161
RATE (PER 1,000 LIVE BIRTHS)												
1978	25.8	28.6	9.5	19.1	21.0	8.0	17.5	19.2	7.3	14.6	15.6	8.8
1977	27.3	29.5	13.9	20.5	22.2	10.2	17.4	18.7	9.5	16.2	17.9	5.8
1976	24.9	27.7	7.5	20.0	22.7	3.7	18.2	20.5	3.7	17.5	18.6	11.2
1975	28.6	30.0	19.5	22.6	23.4	17.1	19.9	20.6	15.6	15.3	16.3	8.6
1974	27.6	29.2	16.9	21.5	22.4	15.4	18.0	19.1	10.8	13.9	14.5	10.0
1973	25.5	26.0	21.8	19.2	19.7	16.2	16.8	17.4	12.6	13.0	13.5	9.8
1972	27.2	28.1	19.7	19.8	20.3	16.1	17.6	18.4	11.0	21.0	20.5	24.9
1971	28.5	30.3	15.7	21.1	22.5	11.8	19.7	21.0	10.7	20.6	19.8	25.8
1970	28.9	29.7	23.0	22.7	23.1	19.3	20.2	20.6	17.1	17.2	17.4	16.1
ANNUAL AVERAGE												
1970-1974	27.7	28.9	19.4	20.9	21.7	15.5	18.7	19.5	12.9	17.4	17.4	17.4
1965-1969	32.3	34.3	22.7	24.5	25.8	18.1	22.6	23.7	17.0	19.9	21.0	14.4
1960-1964	34.6	38.1	25.3	26.0	28.3	20.0	23.8	26.0	18.0	18.7	20.7	13.5
1955-1959	34.3	39.6	25.1	26.3	29.7	20.4	24.0	27.0	18.6	18.0	20.5	13.6
1950-1954	30.6	34.3	27.2	24.3	26.0	22.8	21.6	22.9	20.5	19.4	24.1	15.0

TABLE 23.--RESIDENT INFANT DEATHS AND DEATH RATES BY AGE: DISTRICT OF COLUMBIA, 1960-1978

Year	Number						Rate per 1,000 live births					
	All ages	Under 28 days				28 days-11 months	All ages	Under 28 days				28 days-11 months
		Total	Under 1 day	1-6 days	7-27 days			Total	Under 1 day	1-6 days	7-27 days	
1978....	242	179	111	53	15	63	25.8	19.1	11.8	5.7	1.6	6.7
1977....	270	203	116	56	31	67	27.3	20.5	11.7	5.7	3.1	6.8
1976....	240	193	116	59	18	47	24.9	20.0	12.0	6.1	1.9	4.9
1975....	279	220	129	65	26	59	28.6	22.6	13.2	6.7	2.7	6.1
1974....	277	216	119	62	35	61	27.6	21.5	11.9	6.2	3.5	6.1
1973....	276	208	122	60	26	68	25.5	19.2	11.3	5.5	2.4	6.3
1972....	323	235	142	67	26	88	27.2	19.8	11.9	5.6	2.2	7.4
1971....	396	294	192	82	20	102	28.5	21.1	13.8	5.9	1.4	7.3
1970....	432	339	215	87	37	93	28.9	22.7	14.4	5.8	2.5	6.2
1969....	428	333	223	76	34	95	29.0	22.6	15.1	5.2	2.3	6.4
1968....	467	353	228	99	26	114	32.0	24.2	15.6	6.8	1.8	7.8
1967....	474	369	256	92	21	105	30.3	23.5	16.3	5.9	1.3	6.7
1966....	578	441	296	113	32	137	35.3	26.9	18.1	6.9	2.0	8.4
1965....	611	441	282	120	39	170	34.7	25.1	16.0	6.8	2.2	9.7
1964....	656	493	311	129	53	163	34.5	25.9	16.4	6.8	2.8	8.6
1963....	653	475	283	156	36	178	32.9	23.9	14.3	7.9	1.8	9.0
1962....	690	516	328	146	42	174	34.6	25.9	16.4	7.3	2.1	8.7
1961....	712	547	360	143	44	165	35.2	27.0	17.8	7.1	2.2	8.1
1960....	708	534	336	160	38	174	35.8	27.0	17.0	8.1	1.9	8.8

TABLE 24.--INFANT DEATH RATES BY WARD AND AGE: DISTRICT OF COLUMBIA 1977 AND 1978

Ward	All ages		Under 28 days		28 days-11 mos	
	1978	1977	1978	1977	1978	1977
Total....................	25.8	27.3	19.1	20.5	6.7	6.8
1.......................	29.7	25.4	18.8	18.6	10.9	6.7
2.......................	21.5	29.0	18.4	22.2	3.1	6.8
3.......................	11.1	11.0	11.1	7.8	-	3.1
4.......................	18.6	26.9	14.4	21.9	4.1	5.0
5.......................	29.4	28.0	22.5	20.1	6.9	7.9
6.......................	32.8	35.4	20.9	28.8	11.8	6.6
7.......................	26.0	27.5	18.3	21.2	7.7	6.2
8.......................	27.6	27.1	22.1	17.9	5.5	9.2

TABLE 25—RESIDENT INFANT DEATHS BY CAUSE AND AGE 1970

CAUSE OF DEATH	TOTAL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
TOTAL	242	111	53	15	54	9
DIARRHEAL DISEASES	12	0	3	5	4	0
WHOPPING COUGH	0	0	0	0	0	0
MENINGOCOCCAL INFECTIONS	1	0	0	0	1	0
TETANUS	0	0	0	0	0	0
SEPTICEMIA	3	0	1	0	2	0
VIRAL DISEASES	0	0	0	0	0	0
CONGENITAL SYPHILIS	0	0	0	0	0	0
OTHER INFECTIVE AND PARASITIC DISEASES	0	0	0	0	0	0
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUES	0	0	0	0	0	0
BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	0	0	0	0	0	0
DISEASES OF THYMUS GLAND	0	0	0	0	0	0
CYSTIC FIBROSIS	0	0	0	0	0	0
DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	0	0	0	0	0	0
MENINGITIS	2	0	0	0	2	0
OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	1	0	0	0	0	1
ACUTE UPPER RESPIRATORY INFECTIONS	0	0	0	0	0	0
BRONCHITIS AND BRONCHIOLITIS	1	0	0	0	1	0
INFLUENZA AND PNEUMONIA	5	0	0	1	4	0
INFLUENZA	0	0	0	0	0	0
PNEUMONIA	5	0	0	1	4	0
OTHER CHRONIC INTERSTITIAL PNEUMONIA	0	0	0	0	0	0
ALL OTHER DISEASES OF RESPIRATORY SYSTEM	1	0	0	0	1	0
HERNIA AND INTESTINAL OBSTRUCTION	1	0	0	1	0	0
GASTRITIS, DUODENITIS, ENTERITIS, AND COLITIS OF NONINFECTIOUS ORIGIN	0	0	0	0	0	0
OTHER DISEASES OF DIGESTIVE SYSTEM	2	0	1	0	1	0
CONGENITAL ANOMALIES	24	6	8	2	4	4
ANENCEPHALUS	2	2	0	0	0	0
SPINA BIFIDA	0	0	0	0	0	0
CONGENITAL HYDROCEPHALUS	1	0	0	0	0	1
OTHER CONGENITAL ANOMALIES OF CENTRAL NERVOUS SYSTEM AND EYE	0	0	0	0	0	0
CONGENITAL ANOMALIES OF HEART	10	0	3	1	3	3
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	2	0	2	0	0	0
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	1	0	1	0	0	0
CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	0	0	0	0	0	0
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	1	0	0	1	0	0
CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	2	0	2	0	0	0
DOWNS DISEASE	0	0	0	0	0	0
OTHER CONGENITAL SYNDROMES AFFECTING MULTIPLE SYSTEMS	4	3	0	0	1	0
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	1	1	0	0	0	0
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY	157	105	40	6	5	1
CHRONIC CIRCULATORY AND GENITOURINARY DISEASES IN MOTHER	0	0	0	0	0	0
OTHER MATERNAL CONDITIONS UNRELATED TO PREGNANCY	1	1	0	0	0	0
SYPHILIS	0	0	0	0	0	0
DIABETES MELLITUS	0	0	0	0	0	0
RUBELLA	0	0	0	0	0	0

TABLE 25 — RESIDENT INFANT DEATHS BY CAUSE AND AGE 1978-CONTINUED

CAUSE OF DEATH	TOT-AL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
ALL OTHER MATERIAL CONDITIONS UNRELATED TO PREGNANCY	1	1	0	0	0	0
TOXEMIA OF PREGNANCY	1	1	0	0	0	0
MATERNAL ANTEPARTUM AND INTRAPARTUM INFECTION	1	1	0	0	0	0
DIFFICULT LABOR	0	0	0	0	0	0
WITH MENTION OF BIRTH INJURY	0	0	0	0	0	0
WITHOUT MENTION OF BIRTH INJURY	0	0	0	0	0	0
ALL OTHER COMPLICATIONS OF PREGNANCY AND CHILDBIRTH	16	15	0	1	0	0
CONDITIONS OF PLACENTA	3	2	1	0	0	0
CONDITIONS OF UMBILICAL CORD	0	0	0	0	0	0
BIRTH INJURY WITHOUT MENTION OF CAUSE	1	0	1	0	0	0
HEMOLYTIC DISEASE OF NEWBORN	0	0	0	0	0	0
HYALINE MEMBRANE DISEASE	15	6	6	2	1	0
RESPIRATORY DISTRESS SYNDROME	22	8	9	1	3	1
ASPHYXIA OF NEWBORN, UNSPECIFIED	21	17	3	1	0	0
ALL OTHER ANOXIC AND HYPOXIC CONDITIONS NOT ELSEWHERE CLASSIFICABLE	3	1	2	0	0	0
IMMATURITY, UNQUALIFIED	58	42	14	1	1	0
POSTMATURITY	0	0	0	0	0	0
HEMORRHAGIC DISEASE OF NEWBORN	5	1	4	0	0	0
ALL OTHER CONDITIONS OF NEWBORN	10	10	0	0	0	0
SUDDEN DEATH	10	0	0	0	10	0
ALL OTHER SYMPTOMS AND ILL-DEFINED CONDITIONS	5	0	0	0	5	0
ACCIDENTS	7	0	0	0	5	2
INHALATION AND INGESTION OF FOOD OR OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	3	0	0	0	2	1
ACCIDENTAL MECHANICAL SUFFOCATION	3	0	0	0	3	0
OTHER ACCIDENTAL CAUSES	1	0	0	0	0	1
HOMICIDE	1	0	0	0	0	1
Residual	1	0	0	0	1	0

TABLE 26.--THREE YEAR MOVING AVERAGE OF INFANT MORTALITY RATE BY AGE AT DEATH: DISTRICT OF COLUMBIA, 1961-1963 TO 1976-1978

Year	Rates per 1,000 live births				
	All ages	Less than 1 day	1-6 days	7-27 days	28 days-11 mos.
1961-1963.........	34.2	16.2	7.4	2.0	8.6
1962-1964.........	34.0	15.7	7.3	2.2	8.8
1963-1965.........	32.5	14.7	6.9	2.2	8.7
1964-1966.........	33.3	15.9	6.5	2.3	8.5
1965-1967.........	31.8	15.9	6.2	1.8	7.9
1966-1968.........	32.6	16.7	6.5	1.7	7.6
1967-1969.........	30.4	15.7	5.9	1.8	7.0
1968-1970.........	29.9	15.0	5.9	2.2	6.8
1969-1971.........	28.8	14.4	5.6	2.1	6.6
1970-1972.........	28.2	13.4	5.8	2.0	7.0
1971-1973.........	27.1	12.3	5.7	2.0	7.0
1972-1974.........	26.8	11.7	5.8	2.7	6.6
1973-1975.........	27.2	12.1	6.1	2.8	6.1
1974-1976.........	27.0	12.4	6.3	2.7	5.7
1975-1977.........	26.9	12.3	6.2	2.6	5.9
1976-1978.........	26.0	11.8	5.8	2.2	6.1

TABLE 27.--LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, INFANT DEATHS, FETAL DEATHS, AND TOTAL DEATHS, BY PLACE OF OCCURRENCE AND RESIDENCE: DISTRICT OF COLUMBIA, 1978

Place of occurrence resident status	Live births	Out-of-wedlock births	Infant deaths	Fetal deaths	Total deaths
Total recorded events..................	19,743	6,458	482	222	8,755
District of Columbia residents......	8,959	5,151	237	137	6,310
Maryland residents..................	8,353	1,133	176	67	1,657
Virginia residents..................	2,341	156	55	17	471
Resident of other states............	84	16	13	1	299
Not stated..........................	6	2	1	-	18
Resident events......................	9,372	5,186	242	137	6,959
Occurring in D.C.	8,959	5,151	237	137	6,310
Occurring in other states...........	413	35	5	-	649

TABLE 28.--RECORDED NUMBER OF LIVE BIRTHS AND DEATHS; NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970-1978 AND AVERAGES 1940-1974

Race and year	Number					Rates[2]		
	Live births	Deaths	Infant deaths	Neo-natal deaths	Fetal deaths[1]	Infant deaths	Neo-natal deaths	Fetal deaths
TOTAL								
1978..............	19,743	8,755	482	374	222	24.4	18.9	11.2
1977..............	20,653	8,987	497	379	271	24.1	18.4	13.1
1976..............	19,916	9,183	480	386	279	24.1	19.4	14.0
1975..............	19,826	9,423	504	409	241	25.4	20.6	12.2
1974..............	19,865	9,786	477	376	242	24.0	18.9	12.2
1973..............	20,696	9,850	491	377	242	23.7	18.2	11.7
1972..............	22,600	10,153	569	446	366	25.2	19.7	16.2
1971..............	25,932	10,291	665	514	396	25.6	19.8	15.3
1970..............	28,141	10,526	712	558	380	25.3	19.8	13.5
AVERAGE ANNUAL								
1970-1974.........	23,447	10,121	583	454	325	24.9	19.4	13.9
1965-1969.........	28,461	10,587	754	582	448	26.5	20.4	15.7
1960-1964.........	33,190	10,415	958	727	528	28.9	21.9	15.9
1955-1959.........	33,318	9,760	946	740	531	28.4	22.2	15.9
1950-1954.........	31,135	8,974	785	628	540	25.2	20.2	17.3
1945-1949.........	26,558	8,617	821	632	571	30.9	23.8	21.5
1940-1944.........	20,279	8,922	887	611	534	43.7	30.1	26.3

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

TABLE 28.--RECORDED NUMBER OF LIVE BIRTHS AND DEATHS; NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970-1978 AND AVERAGES 1940-1974-CONTINUED

Race and year	Number					Rates[2]		
	Live births	Deaths	Infant deaths	Neo-natal deaths	Fetal deaths[1]	Infant deaths	Neo-natal deaths	Fetal deaths
BLACK								
1978..............	11,512	5,097	321	252	156	27.9	21.9	13.6
1977..............	11,967	5,121	333	255	197	27.8	21.3	16.5
1976..............	11,544	5,167	327	270	201	28.3	23.4	17.4
1975..............	11,351	5,166	309	246	179	27.2	21.7	15.8
1974..............	11,147	5,290	307	240	160	27.5	21.5	14.4
1973..............	11,734	5,240	304	231	160	25.9	19.7	13.6
1972..............	12,709	5,383	330	243	248	26.0	19.1	19.5
1971..............	14,188	5,328	420	313	264	29.6	22.1	18.6
1970..............	15,007	5,270	443	351	257	29.5	23.4	17.1
AVERAGE ANNUAL								
1970-1974.........	12,957	5,302	361	276	218	27.9	21.3	16.8
1965-1969.........	14,000	5,122	473	357	286	33.8	25.5	20.4
1960-1964.........	14,766	4,484	562	415	307	38.1	28.1	20.8
1955-1959.........	13,329	3,785	520	390	274	39.0	29.3	20.6
1950-1954.........	10,895	3,301	363	301	263	33.3	27.6	24.1
1945-1949.........	7,856	3,070	340	253	265	43.3	32.2	33.7
1940-1944.........	5,488	3,148	408	260	227	74.3	47.4	41.4

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

TABLE 28.--RECORDED NUMBER OF LIVE BIRTHS AND DEATHS; NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970-1978 AND AVERAGES 1940-1974-CONTINUED

Race and year	Number					Rates[2]		
	Live births	Deaths	Infant deaths	Neo-natal deaths	Fetal deaths[1]	Infant deaths	Neo-natal deaths	Fetal deaths
WHITE								
1978..............	8,231	3,658	161	122	66	19.6	14.8	8.0
1977..............	8,686	3,866	164	124	74	18.9	14.3	8.5
1976..............	8,372	4,016	153	116	78	18.3	13.9	9.3
1975..............	8,475	4,257	195	163	62	23.0	19.2	7.3
1974..............	8,718	4,496	170	136	82	19.5	15.6	9.4
1973..............	8,962	4,610	187	146	82	20.9	16.3	9.1
1972..............	9,891	4,770	239	203	118	24.2	20.5	11.9
1971..............	11,744	4,963	245	201	132	20.9	17.1	11.2
1970..............	13,134	5,256	269	207	123	20.5	15.8	9.4
AVERAGE ANNUAL								
1970-1974.........	10,490	4,819	222	179	107	21.2	17.1	10.2
1965-1969.........	14,461	5,465	281	225	162	19.4	15.6	11.2
1960-1964.........	18,424	5,931	396	312	221	21.5	16.9	12.0
1955-1959.........	19,989	5,975	426	350	257	21.3	17.5	12.9
1950-1954.........	20,240	5,673	422	327	277	20.8	16.2	13.7
1945-1949.........	18,702	5,547	481	379	306	25.7	20.3	16.4
1940-1944.........	14,791	5,774	479	351	307	32.4	23.7	20.8

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 29.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1978

Census tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
Total	9,372	5,186	386	1,239	6,959	242
Resident unknown	24	11	1	3	25	1
1	34	1	1	3	36	–
2	25	2	–	3	19	1
3	37	2	–	6	32	–
4	6	1	–	–	18	–
5.1	12	3	–	1	41	–
5.2	31	8	–	2	42	–
6	27	2	–	2	69	1
7	41	2	1	2	110	1
8	99	48	1	9	79	2
9	36	2	–	1	50	–
10.1	54	4	–	4	88	–
10.2	19	3	1	–	29	–
11	44	4	–	–	66	–
12	30	2	–	3	59	1
13	48	5	–	5	141	–
14	43	1	–	1	77	–
15	55	3	–	1	69	1
16	33	9	–	4	38	–
17	69	23	2	5	58	–
18.1	8	4	–	1	3	–
18.2	92	39	1	14	79	4
19	82	42	4	10	88	2
20	68	37	5	6	89	3
21.1	99	58	–	16	76	1

Table 29.—RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1978-CONTINUED

Census tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
21.2................	73	38	1	9	81	1
22.1................	44	19	3	9	48	–
22.2................	49	28	2	5	41	–
23.1................	45	28	1	6	64	4
23.2................	1	1	–	1	117	–
24..................	69	36	4	8	53	–
25.1................	27	15	4	5	27	–
25.2................	80	37	2	11	64	–
26..................	18	4	–	2	32	2
27.1................	75	29	3	9	50	1
27.2................	78	23	2	10	57	–
28..................	152	86	5	16	62	2
29..................	86	55	2	15	72	3
30..................	46	32	1	6	36	–
31..................	53	34	1	8	43	1
32..................	64	40	2	12	80	4
33.1................	56	43	4	3	68	–
33.2................	54	41	3	10	48	1
34..................	63	48	–	14	54	2
35..................	41	25	1	6	55	2
36..................	80	52	2	9	50	5
37..................	91	53	2	20	94	4
38..................	74	37	3	6	31	3
39..................	91	28	–	8	40	2
40..................	59	16	–	8	54	2
41..................	28	5	–	2	35	–
42.1................	65	30	4	11	58	2
42.2................	35	14	1	2	23	–

Table 29.—RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1978-CONTINUED

Census tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
43	45	30	1	7	53	3
44	57	40	3	6	49	1
45	20	14	–	2	33	1
46	88	70	3	18	57	4
47	99	72	6	15	53	3
48.1	46	36	3	6	47	1
48.2	48	33	4	5	53	3
49.1	49	32	2	5	38	1
49.2	42	30	5	4	37	2
50	72	41	3	8	96	–
51	24	13	2	2	35	–
52.1	60	26	3	9	62	1
52.2	11	4	–	3	7	–
53.1	46	12	2	5	41	1
53.2	10	3	–	–	4	–
54.1	7	2	–	–	20	–
54.2	11	3	–	–	9	–
55	24	3	–	2	38	1
56	16	3	–	1	38	–
57.1	14	4	1	1	19	–
57.2	1	–	–	–	4	–
58	27	9	–	2	41	1
59	16	10	1	2	35	–
60.1	33	13	1	4	13	–
60.2	19	13	1	4	2	–
61	5	1	–	–	5	–
62	–	–	–	–	2	–
63.1	42	19	1	3	31	1
63.2	3	1	–	–	–	–

Table 29.—RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1978-CONTINUED

Census tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
64	75	59	5	16	29	2
65.1	8	2	–	1	10	–
65.2	7	2	–	–	8	–
66	21	5	1	1	20	–
67	46	16	1	3	37	1
68.1	41	24	–	4	44	4
68.2	45	32	2	12	37	3
68.3	1	–	–	–	–	–
69	29	19	–	3	38	2
70.1	1	1	–	–	–	–
70.2	41	26	5	7	20	2
71	51	39	5	6	49	2
72	36	29	6	7	33	2
73.1	205	5	–	19	6	3
73.2	101	60	6	10	31	3
73.3	126	82	7	16	29	5
73.4	90	62	4	18	20	–
73.6	180	109	8	30	31	3
73.7	127	63	3	12	29	4
73.8	1	–	–	–	26	–
74.1	100	80	8	12	30	4
74.2	240	161	12	47	64	9
74.4	128	97	6	15	22	–
74.5	188	115	9	26	34	4
75.1	164	105	18	25	80	8
75.3	45	33	2	5	9	–

Table 29.—RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1978-CONTINUED

Census tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
75.4................	11	5	–	–	6	–
75.5................	32	17	–	5	4	1
76.1................	96	60	7	17	58	3
76.3................	47	13	1	4	40	–
76.4................	44	18	2	4	24	1
76.5................	59	26	4	6	40	1
77.2................	55	23	1	12	68	2
77.3................	147	101	6	36	51	8
77.5................	232	156	10	28	91	7
77.6................	107	69	1	14	35	1
77.7................	71	45	–	12	33	1
77.8................	79	49	4	7	34	1
77.9................	15	7	–	3	14	–
78.1................	165	111	10	20	47	1
78.2................	59	37	2	6	69	2
78.3................	84	45	4	10	62	2
78.4................	76	53	4	11	27	–
78.5................	115	81	5	17	78	5
78.7................	46	29	4	4	32	–
78.8................	134	96	5	19	61	7
79.1................	67	45	5	9	57	1
79.2................	30	20	2	8	31	2
80.1................	55	33	9	9	48	1
80.2................	63	45	3	10	44	2
81..................	46	23	2	8	42	–
82.1................	4	2	1	1	3	–
82.2................	9	–	–	–	13	–
83.3................	7	5	–	–	11	–

Table 29.—RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1978-CONTINUED

Census tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births	Deaths	
					All ages	Under 1 year of age
83.4	25	9	-	1	23	-
83.5	6	6	1	3	6	1
83.6	25	13	2	3	23	-
84.1	4	3	1	-	6	-
84.2	69	51	7	14	64	3
85	73	56	10	11	85	1
86.1	3	1	-	-	1	-
86.2	4	2	-	-	8	-
87	109	73	6	18	59	2
88.1	99	67	7	21	69	5
88.2	75	60	6	14	92	4
89.1	66	36	2	8	40	3
89.2	80	55	1	6	52	1
90	44	24	1	3	28	-
91.1	51	31	5	9	45	3
91.2	84	62	5	8	56	1
92	97	57	3	9	90	2
93	77	42	1	8	62	2
94	56	27	1	8	73	4
95.1	56	25	2	7	16	1
95.2	57	27	3	8	73	1
95.3	27	12	1	3	36	-
95.5	30	11	-	5	31	-
95.7	27	15	1	1	12	-
95.8	34	12	1	3	18	1
96	2	2	-	-	19	-
97	121	89	4	18	27	5
98	171	128	3	28	46	9

With birth weights of 2,500 grams or less.

TABLE 30.--RECORDED DEATHS FROM ACCIDENTAL CAUSES BY AGE AND TYPE OF ACCIDENT: DISTRICT OF COLUMBIA, 1978

Type of accident	Age (in years)						
	Total	Under 5	5-14	15-24	25-44	45-64	65 and over
Total[1]	232	16	18	22	45	67	64
Work	15	-	-	3	8	3	1
Construction	5	-	-	1	3	1	-
Transportation and public utilities	1	-	-	-	1	-	-
Service	2	-	-	1	1	-	-
Other and unspecified industry	7	-	-	1	3	2	1
Home	104	15	4	-	14	42	29
Falls	38	-	1	-	5	18	14
Fires	39	3	2	-	6	16	12
Drowning	4	-	-	-	2	1	1
Suffocation, ingested food or object	7	5	-	-	-	2	-
Suffocation, mechanical	4	4	-	-	-	-	-
Firearms	-	-	-	-	-	-	-
Other and unspecified home accidents	12	3	1	-	1	5	2
Motor vehicle	65	1	10	13	14	13	14
Injury to pedestrian	28	1	7	1	4	10	5
Injury to pedal cyclist	3	-	1	2	-	-	-
Collision with other motor vehicle	10	-	-	3	1	3	3
Collision with fixed object	2	-	-	-	1	-	1
Noncollision	18	-	1	7	6	-	4
Other and unspecified accidents	4	-	1	-	2	-	1
Public non-motor vehicle	-	-	-	-	-	-	-
Railroad - not with motor vehicle	-	-	-	-	-	-	-
Other vehicle - not with motor vehicle	38	-	4	5	9	9	11
Water transport	-	-	-	-	-	-	-
Air transport	10	-	-	-	2	2	6
Fires	-	-	-	-	-	-	-
Drowning	11	-	3	4	3	1	-
Firearms	-	-	-	-	-	-	-
Other and unspecified public accidents	17	-	1	1	4	6	5
Accident type unknown and late effects	10	-	-	1	-	-	9

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[1] Includes deaths occurring within the District of Columbia of residents and non-residents.

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1979

Vital Statistics Summary

Government of the District of Columbia
Marion Barry, Jr. Mayor

The Department of Human Services does not discriminate on the basis of race, color, national origin, or handicap

Vital Statistics Summary
1979

A Report of the Department of Human Services

James A. Buford
Director

Office of Policy and Planning
Joan V. Jones, Acting Chief

SYMBOLS USED IN TABLES

Data not Available	---
Not Applicable	...
Rate not Computed Because of Small Frequency	..
Quantity Zero in Frequency Tables	—
Denominator Zero in Rate or Percent Tables	—
Numerator Zero in Rate or Percent Tables	0

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VITAL STATISTICS SUMMARY

1979

INTRODUCTION

This is a report on vital events (live births, deaths and fetal deaths) for the District of Columbia in calendar year 1979. Although data are included on events occurring within the District to non residents, primary emphasis is on events occurring to District of Columbia residents. The report was prepared by Warren W. Morse with the assistance of Mary E. Byrnes, under the direction of Grover H. Chamberlain, Chief, Research and Statistics Division, Office of Policy and Planning, Department of Human Services. Tables and Text were verified by Ms. Josie Dyson and Ms. Claudia Higgins.

SOURCE OF DATA. Vital statistics are derived entirely from live birth, death and fetal death certificates. All live births and deaths occurring within the District of Columbia are registered with the Vital Records Branch, Research and Statistics Division, Department of Human Services, as are known fetal deaths of 20 weeks or more gestation. Vital events occurring to District residents in other States are registered in those States, and copies are sent to the Vital Records Branch through a nationwide interchange system.

Vital statistics shown for 1954-1979 have been tabulated by this Division. Statistics for events occurring prior to 1954 were obtained from the National Center for Health Statistics.

The statistics for 1979 cover all 1979 events for which certificates were filed or transcripts received from other States before May 15, 1980. The number of certificates excluded for 1979 or any other year because of late filing is considered negligible for statistical purposes.

REGISTRATION COMPLETENESS. The registration of live births and of deaths in the District of Columbia is considered to be virtually complete. The degree of registration completeness for fetal deaths is not known. D.C. law requires registration only for 20 weeks or over gestation and since the gestation period cannot always be calculated exactly some reportable fetal deaths are probably not registered. It is also possible that some of those which are registered are actually of less than 20 weeks gestation.

CALCULATION OF RATES. Death, birth and fertility rates are based on enumerated population as of April 1 for census years, and on estimated population as of July 1 for all other years. These rates are expressed per 1,000 population except for death rates by cause of death, which are per 100,000 population. Rates are per 1,000 live births for infant deaths, per 10,000 live births for maternal deaths, and per 1,000 deliveries (live births plus fetal deaths) for fetal deaths and perinatal deaths. Comparability of trend data for birth and death rates is limited by the difficulties in preparing reliable estimates of population for intercensal years.

AVAILABILITY OF ADDITIONAL DATA. More detailed information on vital events for 1979 or prior years is available on request from the Chief, Research and Statistics Division, Department of Human Services, 614 H Street, N.W., Washington, D.C. 20001.

DEFINITIONS. Terms used in this report are defined as follows:
Residence is defined as that of the deceased for a death and as that of the mother for a birth or fetal death. Deaths and births in institutions located in the District are allocated to the place of previous residence regardless of length of stay in the institution. All tables refer to resident events except as noted. Most tables refer to resident events which include birth and death certificates received for residents of the city irrespective of where the event occurred. The tables referring to recorded events include births and deaths which occurred in the District of Columbia irrespective of the place of residence given on the certificates.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such explusion or extraction, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

An immature birth is one for which the birth weight is 2,500 grams or less (5 pounds, 8 ounces or less), regardless of the period of gestation.

A premature birth is one which occurred prior to 37 weeks gestation.

An out-of-wedlock birth is one which occurred to a mother who was separated from spouse or not married at the time of birth and had not been living with spouse or married any time during the preceding 10 months.

A fetal death is defined as death, prior to the complete expulsion or extraction from its mother, of a product of human conception of 20 weeks or more duration of pregnancy; the death is indicated by the fact that after such explusion or extraction the fetus never breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movements of voluntary muscles.

An infant death is the death of a child under one year of age.

A neonatal death is the death of a child under 28 days of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury[1]. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the Research and Statistics Division to assign the proper code number so that deaths may be classified by cause. Starting with the 1979 report, causes of death are coded under the provisions of the "Ninth Revision International Classification of Diseases, adapted for use in the United States" (ICDA).

Leading Causes of Death

Cause-of-death ranking is based on the list of 72 Selected Causes of death, adapted from one of the special lists for mortality tabulations recommended by the World Health Organization for use with the Ninth Revision of the International Classification of Diseases. Two group titles - Major cardiovascular diseases and Symptoms and ill-defined conditions - are not ranked. In addition, category titles that begin with words "Other" or "All other" are not ranked. The remaining titles are ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (e.g., Tuberculosis, all forms), its component parts (in this case of Tuberculosis of respiratory system and Tuberculosis, other forms) are not ranked.

Race: When the word "Black" is used in this report, either in tables or text, it means "Black and other non-white races." The 1980 census found that approximately three percent of the total population was neither black nor white.

---

[1] Manual of the International Statistical Classification of Disease, Injuries, and Cause of Death, Seventh Revision, 1955, Volume 1, page 357.

Rates used in this report are defined as outlined below:

Birth rate	$\frac{\text{Number of live births}}{\text{Estimated midyear population}}$	X 1,000
Out-of-wedlock ratio	$\frac{\text{Number of out-of-wedlock births}}{\text{Number of live births}}$	X 1,000
Age-specific rate	$\frac{\text{Number of live births to women in specific age group}}{\text{Estimated midyear female population in that age group}}$	X 1,000
Fertility rate	$\frac{\text{Number of live births}}{\text{Estimated midyear female population 15-44 years old}}$	X 1,000
Death rate	$\frac{\text{Number of deaths}}{\text{Estimated midyear population}}$	X 1,000 (or 100,000) as specified
Age-specific death rate	$\frac{\text{Number of deaths in specific age group}}{\text{Estimated midyear population in that age group}}$	X 100,000
Infant death rate	$\frac{\text{Number of deaths under one year of age}}{\text{Total number of live births}}$	X 1,000
Neonatal death rate	$\frac{\text{Number of deaths under 28 days of age}}{\text{Total number of live births}}$	X 1,000
Fetal death ratio	$\frac{\text{Number of fetal deaths (gestation 20 week or over)}}{\text{Total number of live births}}$	X 1,000
Maternal death rate	$\frac{\text{Number of deaths due to Complication of Pregnancy, Childbirth, and Puerperium}}{\text{Total number of live births}}$	X 10,000

Age-adjusted death rates - The direct method of age adjustment has been used with the 1940 U.S. enumerated population as the standard. Age-adjusted rates facilitate the comparison of rates among different population groups and at different times by removing the effect of differences in age composition. Therefore, it is important to realize that the rates are largely dependent upon the choice of the standard population and must only be used in comparison to rates using the same standard. These rates should not be quoted out of context and should be used for comparative purposes only in relation to other age adjusted rates computed with the same standard.

Ward - In 1976 the eight election wards become the major geographic subdivisions of the city. Figure 1 shows the boundaries of the eight wards.

Table and Chart Identification - Text tables are identified by letters of the alphabet; charts are Figures 1, 2, etc.; and reference tables are identified by number.

POPULATION

The estimated population for 1979, by age, race and sex, is shown in Table 1.

LIVE BIRTHS

It can be seen in Figure 2 that since 1947 there has been a steep decline in the number of resident births, interrupted only for the three years 1968-1970, in 1977, and again in 1979. As the numbers in Table A illustrate, births were about the same in 1978 and 1979. The birth rate (births per 1,000 population) followed the same pattern through 1975, and the difficulties inherent in estimating a city's population in the second half of an inter-censal decade make it inadvisable to attach too much significance to the small annual fluctuations in the birth rate from 1975 to 1979.

Birth trend by race:--Births have been classified by place of residence only since 1940, thus prohibiting development of trends for resident births for earlier years. The highest number of white births was the 14,016 reported for 1947, and the number dropped every year from 11,234 in 1951 to 1,368 in 1972. They have remained at about that level through 1979. For blacks, however, the trend has been quite different, rising each year from 4,102 in 1940 to a high of 14,495 in 1963, declining thereafter almost each year to 8,004 in 1978, and 8,053 in 1979.

Marital status:--The clearest trend has been the annual increase in the percent of live births which are out of wedlock. With a single exception (it was the same in 1959 and 1960) this figure has increased every year since 1949, when it was 9.8, to 57.9 in 1979.

Adolescent mothers:--The proportion of all births delivered to teenage mothers was 26.8 percent in 1970 and remained at about that level through 1975, and then dropped to a lower level in 1977-1979. It should be noted, however, that since 1970 there has been a substantial drop in the number of births to teenagers, from 4,007 in 1970 to 2,087 in 1978, with a slight rise to 2,145 in 1979. Births to mothers under 18 years of age have dropped by 48.5 percent since 1970, compared with a drop of 55.3 percent in births to women aged 18-19 years.

Birth order:--First order births, or new family starts, have dropped relatively less since 1970 than total births, with a decline of 33.3 percent, compared with a decline of 37.1 percent in total births.

Fertility rate:--The fertility rate, which measures the number of births per 1,000 women of child-bearing age (15 to 44 years) declined each year from 82.5 in 1970 to 53.1 in 1976, but because of the lack of precision in population estimates it would be conjectural to postulate any changes in this figure since 1974. The decline from 1970, however, is undoubtedly real. That is, there has been a decline of about one-third in the rate at which women of child-bearing age give birth. Reported abortions performed on D.C. residents rose from 10,019 in 1973 to 12,080 in 1974 and again to 13,621 in 1975. Since then the number dropped to 12,718 in 1977 and have since increased to 13,611 in 1979, almost the same as the number in 1975. This probably explains why the fertility rate trend has been essentially flat since 1974.

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1979

Year	Live births						Live births		
	Total		Black		White				
	Number	Rate*	Number	Rate*	Number	Rate*	Male	Female	Sex ratio*
1979.............	9,403	14.2	8,053	16.5	1,350	7.9	4,851	4,552	1,066
1978.............	9,372	13.9	8,004	15.9	1,368	7.9	4,728	4,644	1,018
1977.............	9,885	14.3	8,515	16.4	1,370	8.0	4,985	4,900	1,017
1976............	9,635	13.6	8,293	15.4	1,342	7.9	4,874	4,761	1,024
1975............	9,746	13.5	8,462	15.1	1,284	7.9	4,942	4,804	1,029
1974............	10,037	13.8	8,737	15.6	1,300	7.7	5,105	4,932	1,035
1973............	10,837	14.7	9,413	16.8	1,424	8.0	5,572	5,265	1,058
1972............	11,886	15.8	10,518	18.6	1,368	7.3	5,989	5,897	1,016
1971............	13,914	18.5	12,131	21.9	1,783	8.9	7,082	6,832	1,037
1970............	14,960	19.8	13,091	24.0	1,869	8.9	7,664	7,296	1,050

*Rate per 1,000 population

*Ratio of Males per 1,000 Females

TABLE A.--VITAL STATISTICS SUMMARY SHEET:
DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Low birth weight births (Birth weight under 2501 grams)						First order births					
	Total		Black		White		Total		Black		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1979.....	1,195	12.7	1,123	13.9	72	5.3	4,535	48.2	3,792	47.1	743	55.0
1978.....	1,239	13.2	1,143	14.3	96	7.0	4,372	46.6	3,631	45.4	741	54.2
1977.....	1,330	13.5	1,239	14.6	91	6.6	4,633	46.9	3,886	45.6	747	54.5
1976.....	1,217	12.6	1,136	13.7	81	6.0	4,674	48.5	3,917	47.2	757	56.4
1975.....	1,333	13.7	1,255	14.8	78	6.1	4,739	48.6	4,007	47.4	732	57.0
1974.....	1,325	13.2	1,245	14.2	80	6.2	4,881	48.6	4,148	47.5	733	56.4
1973.....	1,349	12.4	1,256	13.3	93	6.5	5,343	49.3	4,553	48.4	790	55.5
1972.....	1,490	12.5	1,407	13.4	83	6.1	5,666	47.7	4,942	47.0	724	52.9
1971.....	1,731	12.4	1,631	13.4	100	5.6	6,431	46.2	5,424	44.7	1,007	56.5
1970.....	1,959	13.1	1,795	13.7	164	8.8	6,799	45.4	5,768	44.1	1,031	55.2

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Out-of-wedlock births						Fertility rate (Per 1,000 women 15-44 years)		
	Total		Black		White				
	Number	Percent	Number	Percent	Number	Percent	Total	Black	White
1979.............	5,443	57.9	5,255	65.3	188	13.9	54.0	59.8	34.2
1978.............	5,186	55.3	5,016	62.7	170	12.4	52.7	58.2	33.9
1977.............	5,243	53.0	5,074	59.6	169	12.3	55.0	60.6	35.1
1976............	5,065	52.6	4,886	58.9	179	13.3	53.1	57.6	35.7
1975............	4,988	51.2	4,822	57.0	166	12.9	54.6	59.4	35.7
1974............	4,994	49.8	4,801	55.0	193	14.8	55.5	61.4	33.7
1973............	5,061	46.7	4,856	51.6	205	14.4	60.1	67.1	33.5
1972............	5,509	46.3	5,359	51.0	150	11.0	65.6	75.9	32.1
1971............	5,974	42.9	5,740	47.3	234	13.1	76.5	89.6	38.4
1970............	6,104	40.8	5,855	44.7	249	13.3	82.5	97.1	40.1

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Recorded events - in D.C.		Resident events - outside D.C.	
	Births	Deaths	Births	Deaths
1979...............	20,157	8,619	368	560
1978...............	19,743	8,755	413	649
1977...............	20,653	8,987	436	621
1976...............	19,916	9,183	431	716
1975...............	19,826	9,423	359	731
1974...............	19,865	9,786	337	814
1973...............	20,696	9,850	383	927
1972...............	22,600	10,153	413	961
1971...............	25,932	10,291	473	1,024
1970...............	28,141	10,526	562	1,105

TABLE A.--VITAL STATISTICS SUMMARY SHEET:
DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Births to mothers under 20 years of age						Births to mothers under 18 years of age					
	Total		Black		White		Total		Black		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1979.....	2,145	22.8	2,063	25.6	82	6.1	959	10.2	933	11.6	26	1.9
1978.....	2,087	22.3	2,013	25.1	74	5.4	968	10.3	933	11.7	35	2.6
1977.....	2,253	22.8	2,188	25.7	65	4.7	1,053	10.7	1,030	12.1	23	1.7
1976.....	2,356	24.5	2,264	27.3	92	6.9	1,107	11.5	1,070	12.9	37	2.8
1975.....	2,636	27.0	2,523	29.8	113	8.8	1,232	12.6	1,178	13.9	54	4.2
1974.....	2,809	28.0	2,684	30.7	125	9.6	1,343	13.4	1,285	14.7	58	4.5
1973.....	3,028	27.9	2,903	30.8	125	8.8	1,499	13.8	1,437	15.3	62	4.4
1972.....	3,386	28.5	3,314	31.5	72	5.3	1,657	13.9	1,635	15.5	22	1.6
1971.....	3,822	27.5	3,682	30.4	140	7.9	1,783	12.8	1,746	14.4	37	2.1
1970.....	4,007	26.8	3,851	29.4	156	8.3	1,861	12.4	1,820	13.9	41	2.2

TABLE A.--VITAL STATISTICS SUMMARY SHEET:
DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Perinatal deaths (Fetal plus neonatal)						Maternal deaths					
	Total		Black		White		Total		Black		White	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
1979.....	271	28.5	252	30.9	19	14.0	3	3.2	2	2.5	1	7.4
1978.....	316	33.2	293	36.0	23	16.7	-	0	-	0	-	0
1977.....	363	36.1	341	39.3	22	16.0	3	3.0	3	3.5	-	0
1976.....	362	36.9	342	40.5	20	14.7	2	2.1	2	2.4	-	0
1975.....	369	37.3	336	39.1	33	25.5	4	4.1	4	4.7	-	0
1974.....	356	35.0	323	36.4	33	25.1	4	4.0	4	4.6	-	0
1973.....	349	31.8	326	34.2	37	25.7	2	1.8	2	2.1	-	0
1972.....	485	40.0	429	40.0	56	39.9	2	1.7	2	1.9	-	0
1971.....	580	40.8	513	41.5	67	36.6	4	2.9	3	2.5	1	5.6
1970.....	597	39.2	531	39.9	66	34.8	11	7.4	10	7.6	1	5.4

*Rate per 1,000 deliveries

*Rate per 1,000 live births

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Neonatal deaths						Fetal deaths					
	Total		Black		White		Total		Black		White	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
1979.....	159	16.9	152	18.9	7	5.2	112	11.8	100	12.3	12	8.8
1978.....	179	19.1	168	21.0	11	8.0	137	14.4	125	15.4	12	8.7
1977.....	203	20.5	189	22.2	14	10.2	160	15.9	152	17.5	8	5.8
1976.....	193	20.0	188	22.7	5	3.7	169	17.2	154	18.2	15	11.1
1975.....	220	22.6	198	23.4	22	17.1	149	15.1	138	16.0	11	8.5
1974.....	216	21.5	196	22.4	20	15.4	140	13.8	127	14.3	13	9.9
1973.....	208	19.2	185	19.7	23	16.2	141	12.8	127	13.3	14	9.7
1972.....	235	19.8	213	20.3	22	16.1	250	20.6	216	20.1	34	24.3
1971.....	294	21.1	273	22.5	21	11.8	286	20.1	240	19.4	46	25.2
1970.....	339	22.7	303	23.1	36	19.3	258	17.0	228	17.1	30	15.8

*Rate per 1,000 live births

*Rate per 1,000 deliveries

TABLE A.--VITAL STATISTICS SUMMARY SHEET: DISTRICT OF COLUMBIA RESIDENTS, 1970-1979, CONTINUED

Year	Deaths - all ages						Infant deaths					
	Total		Black		White		Total		Black		White	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
1979.....	6,734	10.2	4,685	9.6	2,049	12.0	207	22.0	199	24.7	8	5.9
1978.....	6,959	10.3	4,776	9.5	2,183	12.6	242	25.8	229	28.6	13	9.5
1977.....	7,064	10.2	4,828	9.3	2,236	13.0	270	27.3	251	29.5	19	13.9
1976.....	7,238	10.2	4,940	9.2	2,298	13.6	240	24.9	230	27.7	10	7.5
1975.....	7,446	10.3	5,018	9.0	2,428	14.9	279	28.6	254	30.0	25	19.5
1974.....	7,815	10.7	5,200	9.3	2,615	15.5	277	27.6	255	29.2	22	16.9
1973.....	8,017	10.8	5,172	9.2	2,845	15.9	276	25.5	245	26.0	31	21.8
1972.....	8,313	11.0	5,419	9.8	2,894	14.4	323	27.2	296	28.1	27	19.7
1971.....	8,405	11.2	5,429	9.8	2,976	14.8	396	28.5	368	30.3	28	15.7
1970.....	8,690	11.5	5,360	9.8	3,330	15.9	432	28.9	389	29.7	43	23.0

*Rate per 1,000 population

*Rate per 1,000 live births

DEATHS

There were 6,734 deaths of District residents in 1979, or 10.2 deaths per 1,000 estimated population. The distribution of these deaths by age, race, and sex is shown in Table 18 for 72 selected causes.

For the past 17 years the number of deaths of District residents has been generally declining from the peak figure of 9,118 in 1963, and this decline has been annual since 1970. The death rate in 1968 and 1970 was 11.5 per 1,000 population, higher than any other year since 1941, being exceeded only by the rate of 12.2 in 1940, the first year in which a resident rate was computed. Although the relatively minor fluctuations in the death rate in the latter half of the intercensal decade may be ignored (due to imprecise population figures), it is clear that mortality since 1975 was at a lower level than from 1970 to 1974.

Deaths by race:--The death rate for blacks reached a historic low of 9.0 in 1975 (it was 15.5 in 1940) and has apparently increased since then in spite of an annual decline in numbers. The rates for whites have declined each year since 1973. The considerably higher level of mortality for whites is explained by the higher proportion of older persons in the white population compared to the black population.

It can be seen that blacks consistently have a net natural increase (the excess of the birth rate over the death rate) while the situation is reversed for whites. In 1979, for example, blacks had a natural increase of 6.9 per 1,000 compared with a net loss of 4.1 for whites.

Leading causes of death:--The 20 leading causes of death, which are based on the list of 72 selected causes, are shown in Tables 14, 15, and 16. For general overview of mortality in any one year, or a review of trends, attention can be focussed on the 20 leading causes. As can be seen from the fact that Tuberculosis and Benign neoplasms tied for 19th place with only 19 deaths each, causes of death other than the leading 20 have frequencies too small for meaningful statistical comparisons. Only 11 causes accounted for over 100 deaths each in 1979.

Diseases of heart and cancer (the full title for cancer is Malignant neoplasm, including neoplasm of lymphatic and hematopoietic tissue, ICD categories 140-208) together accounted for 56.0 percent of all deaths in 1979, and these two broad categories ranked first and second, respectively, for each race/sex group, as they do every year. After these two causes, race/sex differences in rank begin to appear.

In reading these tables of leading causes, what differences to look for, and how to interpret them, depend to a large extent on the purpose of the analysis. Diseases of heart can serve to illustrate this point.

In 1979 there were 2,148 deaths from diseases of heart. From one point of view, say that of segregating hospital beds by sex of patient, a chief point of interest may be that these deaths were almost equally divided by sex: 1,081 males and 1,067 females. From another perspective, it may be most relevant that the heart disease death rate for males exceeded that for females 24.4 percent. In use of limited resources, there may be greater productivity from a preventive campaign targeted at males. This conclusion would be strongly reinforced by the age-adjusted death rates, where the rate for males exceeded that for females by 66.4 percent.

This difference in age-adjusted death rates tells us that when age is taken into account the fatality of heart disease is even higher for males than is indicated by the crude death rate alone. The crude, or unadjusted, death rates by sex are heavily influenced by the fact that in the upper age groups there are many more females than males. In 1979, for example, at ages 65 years and over the District's estimated population included 46,200 females and 26,800 males. The 65 year and older population in 1979 accounted for half of the male deaths (1,810 of 3,605) compared with two-thirds of female deaths (2,066 of 3,129).

From the point of view of more exactly describing the extent of excess mortality the age-adjusted death rates by race and sex are of importance. These are shown below, for diseases of heart, together with the actual numbers and the crude death rates:

Diseases of heart, 1979	Black		White	
	Male	Female	Male	Female
Number of deaths...	733	633	348	434
Crude death rate...	332.7	235.1	457.9	458.3
Age-adjusted death rate..............	345.2	209.1	218.3	144.1

The most striking thing about these figures is that only for black males was the age-adjusted rate higher than the crude rate. It is in this group that the excess mortality was most pronounced, but that black females experienced excess mortality can be seen by comparing their age-adjusted rate with that for white females.

In this type of study of mortality data, after isolating black males as the group with the greatest excess mortality, a next step is to examine the age distributions in Table 18. Here, for example, it can be seen that excess mortality was most marked at ages 45-64, the productive middle years. The 1979 deaths and age-specific death rates per 100,000 population for heart disease at ages 45-64 were as follows:

Race/Sex	Number	Rate
Black males	296	716.7
Black females	152	286.3
White males	70	362.7
White females	37	152.3

Based on the percentage differences, by sex, between the rates for blacks and whites, it could be said that in this age span at least 146 of the black male deaths and 71 of the black female deaths were excess - i.e. more than would be expected if blacks and whites were equally at risk. Those figures do not take into account the excess mortality, within each race group, between the rates for males and females.

For each of the leading causes a similar analysis could be made, which is an important use made of these tables in health planning. An additional use, of course, is implicit in the fact of ranking - to evaluate the relative importance of various causes in total mortality, and how their rankings vary by race and sex.

The leading causes of death are shown by ward and race in Table 20. This table has a certain intrinsic interest, but its usefulness for analysis is limited, first, by the absence of ward population estimates by age, race and sex on which rates could be based, and second, by the smallness of most of the numbers. When the 1980 census population figures become available the first obstacle will be overcome. Eventually, rates based on the 1980 census populations and averaged cause of death figures for 1979-1981 will permit stable figures and reliable comparisons.

Comparability with data for previous years.--Users of the cause of death figures shown in this report should be aware of the possibility that the change from the 8th to 9th Revisions of the ICD may have affected the comparability of data for any particular cause of death when comparing 1979 figures with those for earlier years.

For comparability ratios see Tables 1 and 2 from Estimates of Selected Comparability Ratios Based on Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases, Monthly Vital Statistics Report, DHEW PUBLICATION NO. (PHS) 80-1120, VOL. 28 No. 11, SUPPLEMENT, February 29, 1980.

The extent to which causes of death vary by age and sex can be most readily seen in Table 17. In the broad age groups under 15 years - 1-4 years and 5-14 years - there were only 48 deaths, 25 for males and 23 for females. The numbers of deaths from diseases in these age groups, with the exception of congenital anomalies, are too small to assess any significance in annual variations, but there is an obvious public health significance to the fact that at these ages over a third of the deaths of males, and about a quarter of the deaths of females, are from accidents. For the three years 1977-1979, numbers of deaths were as follows:

ACCIDENTAL DEATHS BY SEX:
CHILDREN AGED 1-14 YEARS, 1977-1978

	Males	Females
1979	9	6
1978	14	9
1977	13	10

In the three years combined there were 162 deaths of children 1-14 years old, and 61 or 37.7 percent, were from accidents. The percentages were 40.0 percent for males, and 34.7 percent for females.

At ages 15-24 years, homicide is by far the leading cause of death for males and, less dominantly, for females. For males, 43 of the 68 deaths were from homicide, accidents and suicide, and 8 of the 25 deaths from all other causes were from external injury undetermined as to whether intentionally or accidentally inflicted. In other words, 51 or 75.0 percent of the 68 deaths of males aged 15-24 were from external injury. For females in this age group 19 of the 44 deaths or 43.2 percent were from external injury.

Mortality experience for children and young adults aged 1-24 years can be summarized by saying that diseases are much less important as causes of death than homicides, accidents and suicides and other external causes.

At 25-44 years of age, the sex differential in mortality is most pronounced. At ages 1-4 in 1979 the death rate was actually higher for females than for males, but this was based on only 12 female deaths as opposed to 8 male deaths. For older ages the ratios of the death rates for males to the rates for females were as follows:

5-14	1.52
15-24	1.96
25-44	2.67
45-64	2.09
65 and over	1.51

A substantial amount of the sex differential at ages 25-44 was from external causes. For males, 170 of the 384 deaths were from external causes - 31 of undetermined nature plus the 139 from homicide, accidents and suicide combined. For females, there were 27 external deaths - the 21 shown in Table 17 from homicide and accidents, plus 2 suicides and 4 of undetermined nature. The death rates for endogeneous causes (diseases) were 242.1 for males and 136.9 for females a sex ratio of 1.77.

At ages 45-64 and 65 and over, diseases predominate as causes of death for both males and females, and there are five disesase groups which account for the great majority of all deaths from endogenous causes; diseases of heart, cancer, cerebrovascular disease, chronic liver disease and cirrhosis, and pneumonia and influenza.

At ages 45-64, when all deaths can be regarded as premature and thus of major public health concern, the sex differentials indicate the potential importance of preventive care.

Cause of Death	Rates per 100,000		Ratio of
	Males	Females	Male Rate/Female Rate
Diseases of heart	604.0	244.2	2.47
Cancer, etc.	566.0	330.7	1.71
Cerebrovascular disease	89.1	54.3	1.64
Chronic liver disease and cirrhosis	168.3	56.8	2.96
Pnuemonia and influenza	59.4	11.6	5.12

Whatever the reduction which might be brought about in mortality of females aged 45-64 it is clear that males in this age group suffer from an excess mortality which poses a public health challenge.

At ages 65 and over the death rate in 1979 was one-and-a-half times as high for males as it was for females but this sex differential probably varied by age within this group. When the estimated population 65 years and older in 1979 is distributed by five-year age groups to 85 and over in the same way as the enumerated population in 1980 the male/female ratio of the rates was 2.05 at 65-69, 2.01 at 70-74, 1.60 and 1.67 at 75-79 and 80-84 respectively, and only 1.29 at 85 years and older.

INFANT MORTALITY

In 1979 the infant mortality rate in the District of Columbia dropped to an all-time low of 22.0 per 1,000 live births. It can be seen from Table 22, in which infant deaths and death rates are shown by age at death for the 20 year period 1960-1979, that during this time span there has been no consistent annual trend in the total rate, despite the over-all drop. In fact, in six years the rate was higher than in the previous year. There have been three distinct periods, 1960-1966, 1967-1975, and 1976-1979, within which the rate has fluctuated in a fairly narrow range, with each of the latter periods having a lower average rate than the preceding one: 34.5 in the first period, 28.6 in the second and, in the most recent period, 25.0.

The trend data shown in Table 22 give no basis for predicting infant mortality levels in the next few years. The fact that the rate has dropped from 27.3 deaths per 1,000 live births in 1977 to 25.8 in 1978 and 22.0 in 1979 suggests, however, that 1978 may have been the first year in a new series.

The infant mortality rate is computed from infant deaths in a given year and live births in that year. Each year, however, some of those deaths were of infants born in the previous year. A true rate is obtained from infant deaths among a cohort of a given year's births, regardless of whether they die in that year or the next one. The effect of this is shown below for 1977 and 1978.

Year	Live births	Infant deaths in		Cohort rate	Standard rate
		Year of birth	Year after birth		
1978...........	9,372	215	22	25.3	25.8
1977...........	9,885	251	25	27.9	27.3

In other words, the cohort of true rate shows a larger drop than the standard rate does. Of the 207 infant deaths in 1979, 22 were born in 1978. It is unlikely that the number of 1979 births to die in 1980 will greatly exceed 22, but even if the number is doubled the true 1979 rate would still represent a decrease from the 1978 rate. This analysis is the basis for optimism that the 1979 infant mortality rate was a continuation of a downward trend.

Infant and neonatal mortality trends by race are shown in Table A for the years 1970-1979.

Fetal deaths.--Fetal death, i.e., death of a fetus of at least 20 weeks gestation, is as much a measure of poor pregnancy outcome as the death of a live born infant. The drop of the fetal death rate from 14.4 deaths per 1,000 deliveries (live births plus fetal deaths) in 1978 to 11.8 in 1979 is another reason to believe that the decline in infant mortality was significant.

The fetal death trend has been mixed since 1970. As can be seen in Table A, the fetal death rate dropped sharply from 20.6 in 1972 to 12.8 in 1973, then increased each year to 17.2 in 1976. Since then it has declined each year to a ten year low of 11.8 in 1979. In 1977, the most recent year for which national data are available, the U.S. fetal death rate was 9.8 per 1,000 deliveries.

Perinatal mortality.--Advances in care at delivery have the effect of not only reducing fetal mortality but of also producing some non-viable live births which would formerly have been fetal deaths. Thus a better picture of the trend in mortality emerges from combining fetal and early, or neonatal, infant deaths. These are called perinatal deaths, which are shown in Table A. The trend is similar to that for fetal deaths - a sharp drop in 1973, increases in 1974 and 1975, followed by small decreases in 1976 and 1977. From 1977 to 1978 the perinatal rate dropped 7.0 percent, followed by a drop of 14.2 percent from 1978 to 1979.

Selected high risk birth characteristics.--Most infant deaths occur among infants weighing, 2,500 grams (5 1/2 pounds) at birth or less, and the incidence of low birth weight is highest among babies whose mothers are unmarried or under 18 years of age.

Low birth weight.--From 1970 to 1978 low birth weight babies averaged 13.0 percent of all births, the annual figures ranging from 12.4 in 1971 and 1973 to a high of 13.7 in 1975. Thus the drop to 12.7 percent in 1979 cannot be interpreted as indicative of a new trend. The incidence of low birth weight by race, is shown in Table A for the years 1970-1979.

Out-of-wedlock births.--Marital status may not itself affect pregnancy outcome, although it cannot be entirely discounted, but it does serve as an economic indicator (out-of-wedlock ratios are higher among the poor than among the well-to-do) and there is a strong relationship between average income and infant mortality. Out-of-wedlock birth data are shown by race in Table A, for 1970 to 1979. The steady increase, year to year, in the percentage of births which are out of wedlock is perhaps a reflection of social, economic and cultural conditions which militate against efforts to improve pregnancy outcome.

Births to adolescent mothers.--Low birth weight and, as a consequene, infant mortality, are highest among the babies of mothers under 18 years of age. In the District the number of births to mothers under 18 years has decreased each year since 1970 and it can be seen in Table A that the percentage these were of total births has declined each year from the high of 13.9 percent in 1972 to 10.2 percent in 1979. The trend in births to mothers under 20 years of age, both in number and percentage of total births, paralleled that for births to mothers under 18 years of age except in 1979 when both number and percent increased slightly.

Economic status.--For purposes of analyzing infant mortality and live birth characteristics by economic status, census tracts have been classified into five groups, based on average adjusted gross income obtained from D.C. income tax data for 1977. Average incomes ranged from less than $9,388 in Group 1 to $20,262 and over in Group 5. Live births, infant and neonatal deaths and rates and selected birth characteristics for 1979 are shown by income group in Table B. The numbers of births in Groups 4 and 5 were too small for the rates in these groups to be regarded as stable, but it is probable that the risk of infant death in Group 5 census tracts will continue to be very low. It is well established that areas with the highest incomes have the lowest infant mortality rates.

Nationally, for example, the infant mortality rate is lowest for whites in the non-urban parts of metropolitan counties (11.0 in 1979, compared with the total U.S. rate of 14.1) (Table 7-2, Mortality Part B, Vital Statistics of the United States, 1977. Not yet published.) Whites living outside central cities in metropolitan counties in 1977 had the highest median income of any population group ($17,371 in 1976 compared with the U.S. average of ($14,958) and the lowest percentage of population with incomes below the poverty line (6.9 percent compared with the U.S. average of 11.8 percent). (Tables 17 and 20, Social and Economic Characteristics of the Metropolitan and Nonmetropolitan Population: 1977 and 1970, Current Population Reports, Special Studies P-23, No. 75. U.S. Department of Commerce, Bureau of the Census.) Incomes below the poverty level for blacks in 1976 were 21.5 percent outside central cities in metropolitan counties, compared with 31.5 percent for all blacks in the United States. In the District of Columbia's vital statistics the term black includes the so-called "other nonwhite" races, while national statistics are presented separately for white, black and other. In 1977 infant mortality rates for "Other" races (i.e., blacks and other nonwhites) were 18.3 in non-urban parts of metropolitan counties compared with a national average for blacks of 21.7. (The national average for whites was 12.3.)

Birth and death certificates do not carry any direct information on parents' economic status but the strong association in all geographic areas between poverty and infant mortality suggests causal relationships. Most poor mothers have healthy babies and some well-to-do mothers have unhealthy ones. In 1977, for example, whites living outside the central cities in metropolitan counties had a median income of $17,371 (in 1976) and 98.1 percent of all white babies born in non-urban parts of metropolitan counties survived the first year. At the other extreme of the demographic/economic scale, blacks in nonmetropolitan counties had a median income of $7,435 and 97.6 percent of all "Other" race babies survived the first year. Of blacks in nonmetropolitan counties, 38.2 percent were below the poverty level. There is, thus, no absolute relation between poverty and infant mortality.

Differences between economic groups in infant mortality may stem from differences in either the amount or quality of health care received, before conception, during pregnancy, birth and the first year of life, or during inter-pregnancy intervals, and these differences can be subject to public health intervention.

Table B.—LIVE BIRTHS, INFANT AND NEONATAL DEATHS AND DEATH RATES, AND PERCENTAGES OF OUT-OF-WEDLOCK BIRTHS AND BIRTHS WITH NO OR INADEQUATE PRENATAL CARE, BY INCOME GROUP: DISTRICT OF COLUMBIA, 1979

(Income groups consist of census tracts classified by average adjusted group income from D.C. income tax data for 1977. Ranked from lowest to highest.)

Income group	Live births1/	Infant deaths1/		Neonatal deaths1/		Percent of live births	
		Number	Rate2/	Number	Rate2/	Out of wedlock	With no or inadequate care
City........	9,403	207	22.0	159	16.9	57.9	5.7
1.........	2,296	51	22.2	39	17.0	72.7	7.3
2.........	3,053	77	25.2	56	18.3	65.6	6.6
3.........	2,465	61	24.7	47	19.1	56.6	4.7
4.........	707	11	15.6	10	14.1	33.5	4.2
5.........	644	1	1.6	1	1.6	16.3	2.6

1/Columns will not add to totals because there were 238 births and 6 infant deaths, all neonatal, in unranked or unknown census tracts.

2/Per 1,000 live births.

Trends in clinic service areas.--In 1978 those census tracts of residence of the majority of maternity patients served by DHS outpatient clinics were identified and designated as special target areas for efforts to decrease the percentage of live births with no or inadequate care. As can be seen in Table C the set of census tracts described as "clinic service area" had about the same number of births - and the same percentage of total births - in 1979 as in 1978. Whether or not as a result of intensive programs in 1979 to bring all pregnant women into adequate prenatal care, the percent of mothers who received no or inadequate care dropped in the clinic service areas from 8.5 in 1978 to 6.6 in 1979 while in the balance of the city this figure actually rose slightly from 4.4 to 4.6.

Table C.--COMPARISON OF TOTAL BIRTHS AND PERCENT WITH NO OR INADEQUATE CARE, CLINIC SERVICE AREA AND BALANCE OF CITY: 1978 AND 1979

Residence	Live births				Percent with no or inadequate care	
	1979		1978			
	Number	Percent	Number	Percent	1979	1978
City total............	9,403	100.0	9,372	100.0	5.7	6.7
Clinic service area...	5,115	54.4	5,108	54.5	6.6	8.5
Balance of city.......	4,288	45.6	4,264	45.5	4.6	4.4

In 1978, a cluster of inner-city census tracts had been selected as a major target area for the Improved Pregnancy Outcome (IPO) Project. These tracts were selected on the basis of high infant mortality rates and several high risk birth characteristics. Although the IPO activities were not restricted geographically they were to a great extent focused in these tracts. Shown below are the pregnancy outcome measures in 1978 and 1979 for this IPO target area:

	Years	
	1979	1978
Live births	571	620
Infant deaths	13	23
Neonatal deaths	8	15
Fetal deaths	10	8
Infant mortality rate*	22.8	37.1
Neonatal mortality rate*	14.0	24.2
Perinatal mortality rate**	31.0	36.6

*Per 1,000 live births.
**Per 1,000 deliveries (neonatal plus fetal deaths per 1,000 live births plus fetal deaths).

These changes cannot be attributed to any one program activity, particularly on the basis of one year's data. There are indications, however, that the special emphasis in 1979 placed on reducing infant mortality has been effective.

In Table D data are shown for census tracts which met two criteria when births and infant deaths were combined for the years 1976-1978: for the three years combined each had at least 100 live births and an infant mortality rate which exceeded the city average of 26.0 per 1,000 live births. Although, as can be seen, many of these tracts showed a great improvement in outcome in 1979 they still constitute a valid target area for intervention. The answer to the question of whether or not there will be continuing declines in the city's infant mortality rate will depend in large part on these census tracts.

Table D.--LIVE BIRTHS, INFANT DEATHS AND INFANT MORTALITY RATES FOR THREE YEARS, 1976-1978, AND SPECIFIED PREGNANCY OUTCOME DATA FOR 1979, BY CENSUS TRACT
(Census tracts are those in which there were at least 100 live births in 1976-1978 and an infant mortality rate above the three year city average of 26.0 per 1,000 live births.)

Census tract	1976-1978			1979					
	Live births	Infant deaths	IMR	Live births	Fetal deaths	Infant deaths	IMR	Low birth weight	
								Number	Percent
18.2........	299	12	40.1	86	1	-	-	11	12.8
20..........	245	8	32.7	86	1	-	-	8	9.3
22.1........	132	5	37.9	59	1	3	50.8	4	6.8
23.1........	140	7	50.0	56	-	-	-	13	23.2
30..........	149	4	26.8	57	-	1	17.5	4	7.0
32..........	185	10	54.1	75	2	4	53.3	7	9.3
33.2........	178	8	44.9	52	1	1	19.2	7	13.5
35..........	145	6	41.4	44	2	-	-	3	6.8
36..........	284	12	42.3	87	1	3	34.5	10	11.5
37..........	270	8	29.6	89	2	-	-	6	6.7
38..........	257	8	31.1	78	-	-	-	9	11.5
43..........	142	6	42.3	50	1	-	-	8	16.0
46..........	256	9	35.2	78	2	2	25.6	11	14.1
48.1........	165	9	54.5	41	2	-	-	-	-
48.2........	152	7	46.1	47	-	1	21.3	8	17.0
49.1........	151	5	33.1	47	-	-	-	2	4.3
49.2........	107	3	28.0	27	-	3	111.1	3	11.1
50..........	246	7	28.5	75	2	-	-	11	14.7
52.1........	176	5	28.4	60	-	2	33.3	7	11.7
53.1........	167	7	41.9	62	-	-	-	5	8.1
55..........	102	4	39.2	14	-	-	-	2	14.3
67..........	149	4	26.8	55	-	-	-	5	9.1
68.1........	135	7	51.9	40	-	1	25.0	9	22.5
68.2........	142	4	28.2	55	-	1	18.2	6	10.9
69..........	119	5	42.0	42	-	-	-	2	4.8

Table D.--LIVE BIRTHS, INFANT DEATHS AND INFANT MORTALITY RATES FOR THREE YEARS, 1976-1978, AND SPECIFIED PREGNANCY OUTCOME DATA FOR 1979, BY CENSUS TRACT
(Census tracts are those in which there were at least 100 live births in 1976-1978 and an infant mortality rate above the three year city average of 26.0 per 1,000 live births.) CONTINUED

Census tract	1976-1978			1979					
	Live births	Infant deaths	IMR	Live births	Fetal deaths	Infant deaths	IMR	Low birth weight Number	Low birth weight Percent
71..........	189	7	37.0	61	-	1	16.4	9	14.8
72..........	181	5	27.6	62	2	1	16.1	7	11.3
73.3........	377	13	34.5	129	-	2	15.5	20	15.5
73.6........	535	18	33.6	176	2	4	22.7	21	11.9
74.1........	298	10	33.6	112	1	2	17.9	24	21.4
74.2........	767	21	27.4	246	3	7	28.5	48	19.5
74.5........	486	16	32.9	149	4	6	40.3	28	18.8
75.1........	471	22	46.7	163	1	6	36.8	26	16.0
75.5........	102	4	39.2	36	-	-	-	8	22.2
76.1........	297	8	26.9	92	1	2	21.7	18	19.6
76.4........	159	6	37.7	49	-	3	61.2	4	8.2
76.5........	197	6	30.5	87	-	2	23.0	11	12.6
77.3........	449	18	40.1	136	2	3	22.1	21	15.4
77.7........	223	6	26.9	85	1	3	35.3	15	17.6
78.3........	286	8	28.0	76	2	-	-	9	11.8
78.4........	216	9	41.7	77	-	-	-	7	9.1
78.8........	389	22	56.6	140	3	2	14.3	22	15.7
79.2*......	96	6	62.5*	13	1	-	-	3	23.1
80.1........	161	5	31.1	67	1	3	44.8	8	11.9
80.2........	177	7	39.5	62	1	1	16.1	7	11.3
84.2........	203	10	49.3	71	1	1	14.1	8	11.3
85..........	220	7	31.8	69	-	2	29.0	11	15.9
88.1........	286	11	38.5	86	-	1	11.6	11	12.8
88.2........	237	7	29.5	63	2	1	15.9	8	12.7
89.1........	192	8	41.7	71	1	3	42.3	10	14.1
94..........	146	6	41.1	60	1	3	50.0	6	10.0
97..........	362	13	35.9	127	4	8	63.0	16	12.6
98..........	492	20	40.7	156	2	6	38.5	25	16.0

*Included although below 100 births because of very high rate. There are 52 census tracts which qualify as target tracts. 79.2 was the only non-qualifying tract with at least 6 deaths in 1976-78. There was one non-qualifying tract with 5 deaths and only 68 births, for a rate of 73.5. That was C.T. 95.3.

Infant mortality by ward.--In 1979 there were three wards in which the infant mortality rate was higher than the city average. These wards, and their respective rates, were Ward 6, 24.1, Ward 8, 27.4, and Ward 5, 30.6. In these wards, as can be seen in Tables E and F, and in Wards 4 and 7, all infant deaths were black.

In view of the small numbers of deaths involved changes in the relative rankings of most wards from year to year are of little significance. The risk of infant death is obviously always lowest by far in Ward 3, and generally highest in Wards 5, 6 and 8, but it should be noted that in 1977 Ward 2 had the second highest rate (29.0 compared with 35.4 in Ward 6). In order to obtain more stable numbers, live births and infant deaths are shown by ward in Table G for the three years 1977 to 1979, with the infant death rate for the three years combined.

In Wards 2, 4, 6 and 7 there have been sharp decreases in infant deaths in these three years. For these four wards combined the infant mortality rate was 29.7 in 1977 and 19.2 in 1979. On the other hand, in Wards 1, 5 and 8 the rate was 26.8 in 1977 and 26.5 in 1979.

Cause of death.--In 1979 causes of death were for the first time classified by the 9th Revision of the International Classification of Diseases. The 1979 infant deaths are shown in Table 24, by age at death, for the 61 selected causes suggested by the National Center for Health Statistics.

Even for infants, cause of death varies greatly by age at death. For example, 140 of 88.1 percent of the 159 neonatal deaths were from "certain conditions originating in the perinatal period," compared with only 4, or 8.3 percent, of the postneonatal deaths. In other words, very early in life infants are most at risk from conditions originating in the pregnancy, delivery itself, or the post-delivery environment. Most of the other neonatal deaths (12 of the 19) were from congenital anomalies.

In 1979 the National Capitol Medical Foundation (NCMF) made a study*/ of the hospital medical charts of infants who died in the neonatal period, and of their mothers. One of the suggestions which emerged from this study was that some deaths, particularly of very small babies, might have been prevented if there had been more aggressive treatment. Partly as a result of this study a great deal of attention is being focussed on these very early deaths.

In previous years the leading cause of infant death had been "immaturity, unqualified." Since 1975, between 20 and 25 percent of all District infant deaths were attributed to this cause, in contrast to less than 10 percent nationally. It is not known if the District's high incidence of this cause resulted from an unusual lack of specificity on death certificates, or stemmed naturally from the fact that the incidence of low birth weight in the District is about twice as high as the national incidence.

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*/Commissioned by the State Health Planning and Development Agency on the recommendation of the Mayor's Blue Ribbon Committee on Reducing Infant Mortality.

TABLE 8.--NUMBER OF RESIDENT INFANT DEATHS BY WARD, RACE, AND AGE AT DEATH
DISTRICT OF COLUMBIA 1979

WARD	TOTAL						BLACK						WHITE					
		NEONATAL						NEONATAL						NEONATAL				
	TOTAL	TOTAL	LESS 1 DAY	1-6 DAYS	7 TO 27 DAYS	28 DAYS - 11 MOS.	TOTAL	TOTAL	LESS 1 DAY	1-6 DAYS	7 TO 27 DAYS	28 DAYS - 11 MOS.	TOTAL	TOTAL	LESS 1 DAY	1-6 DAYS	7 TO 27 DAYS	28 DAYS - 11 MOS.
TOTAL-------------	207	159	103	37	19	48	199	152	99	35	18	47	8	7	4	2	1	1
WARD 1------------	28	24	11	10	3	4	25	22	10	10	2	3	3	2	1	0	1	1
WARD 2------------	15	11	5	3	3	4	13	9	4	2	3	4	2	2	1	1	0	0
WARD 3------------	2	2	1	1	0	0	0	0	0	0	0	0	2	2	1	1	0	0
WARD 4------------	17	12	10	2	0	5	17	12	10	2	0	5	0	0	0	0	0	0
WARD 5------------	36	27	23	3	1	9	36	27	23	3	1	9	0	0	0	0	0	0
WARD 6------------	28	23	15	5	3	5	28	23	15	5	3	5	0	0	0	0	0	0
WARD 7------------	27	18	8	5	5	9	27	18	8	5	5	9	0	0	0	0	0	0
WARD 8------------	48	36	27	7	2	12	48	36	27	7	2	12	0	0	0	0	0	0
NOT REPORTED------	6	6	3	1	2	0	5	5	2	1	2	0	1	1	1	0	0	0

TABLE F.-- RESIDENT INFANT MORTALITY RATES BY WARD, RACE AND AGE AT DEATH
DISTRICT OF COLUMBIA 1979

WARD	TOTAL: TOTAL	TOTAL: NEONATAL TOT-AL	TOTAL: NEONATAL LESS 1 DAY	TOTAL: NEONATAL 1-6 DAYS	TOTAL: NEONATAL 7 TO 27 DAYS	TOTAL: 28 DAYS - 11 MOS.	BLACK: TOTAL	BLACK: NEONATAL TOT-AL	BLACK: NEONATAL LESS 1 DAY	BLACK: NEONATAL 1-6 DAYS	BLACK: NEONATAL 7 TO 27 DAYS	BLACK: 28 DAYS - 11 MOS.	WHITE: TOTAL	WHITE: NEONATAL TOT-AL	WHITE: NEONATAL LESS 1 DAY	WHITE: NEONATAL 1-6 DAYS	WHITE: NEONATAL 7 TO 27 DAYS	WHITE: 28 DAYS - 11 MOS.
TOTAL-------------	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5	.7	.7
WARD 1------------	21.7	18.6	8.5	7.7	2.3	3.1	23.6	20.8	9.4	9.4	1.9	2.8	12.9	8.6	4.3	.0	4.3	4.3
WARD 2------------	16.7	12.2	5.6	3.3	3.3	4.4	17.4	12.1	5.4	2.7	4.0	5.4	13.0	13.0	6.5	6.5	.0	.0
WARD 3------------	3.3	3.3	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	3.9	3.9	1.9	1.9	.0	.0
WARD 4------------	17.7	12.5	10.4	2.1	.0	5.2	19.0	13.4	11.2	2.2	.0	5.6	.0	.0	.0	.0	.0	.0
WARD 5------------	30.6	22.9	19.5	2.5	.8	7.6	31.7	23.8	20.3	2.6	.9	7.9	.0	.0	.0	.0	.0	.0
WARD 6------------	24.1	19.8	12.9	4.3	2.6	4.3	27.7	22.7	14.8	4.9	3.0	4.9	.0	.0	.0	.0	.0	.0
WARD 7------------	17.7	11.8	5.2	3.3	3.3	5.9	18.2	12.1	5.4	3.4	3.4	6.1	.0	.0	.0	.0	.0	.0
WARD 8------------	27.4	20.5	15.4	4.0	1.1	6.8	29.9	22.4	16.8	4.4	1.2	7.5	.0	.0	.0	.0	.0	.0
NOT REPORTED------	153.8	153.8	76.9	25.6	51.3	.0	138.9	138.9	55.6	27.8	55.6	.0	333.3	333.3	333.3	.0	.0	.0

Table G.--LIVE BIRTHS, INFANT DEATHS AND INFANT DEATH RATE FOR THREE YEARS COMBINED, BY WARD: DISTRICT OF COLUMBIA, 1977-1979

Ward	Live births1/				Infant deaths1/				Infant death rate2/ 1977-1979
	1979	1978	1977	1977-1979	1979	1978	1977	1977-1979	
City...........	9,403	9,372	9,885	28,660	207	242	270	719	25.1
1............	1,293	1,280	1,341	3,914	28	38	34	100	25.5
2............	899	977	1,035	2,911	15	21	30	66	22.7
3............	599	629	638	1,866	2	7	7	16	8.6
4............	958	970	1,005	2,933	17	18	27	62	21.1
5............	1,177	1,158	1,142	3,477	36	34	32	102	29.3
6............	1,161	1,099	1,214	3,474	28	36	43	107	30.8
7............	1,525	1,423	1,602	4,550	27	37	44	108	23.7
8............	1,752	1,812	1,845	5,409	48	50	50	148	27.4

1/Events with unknown residence are included in totals but not shown separately.
2/Per 1,000 live births.

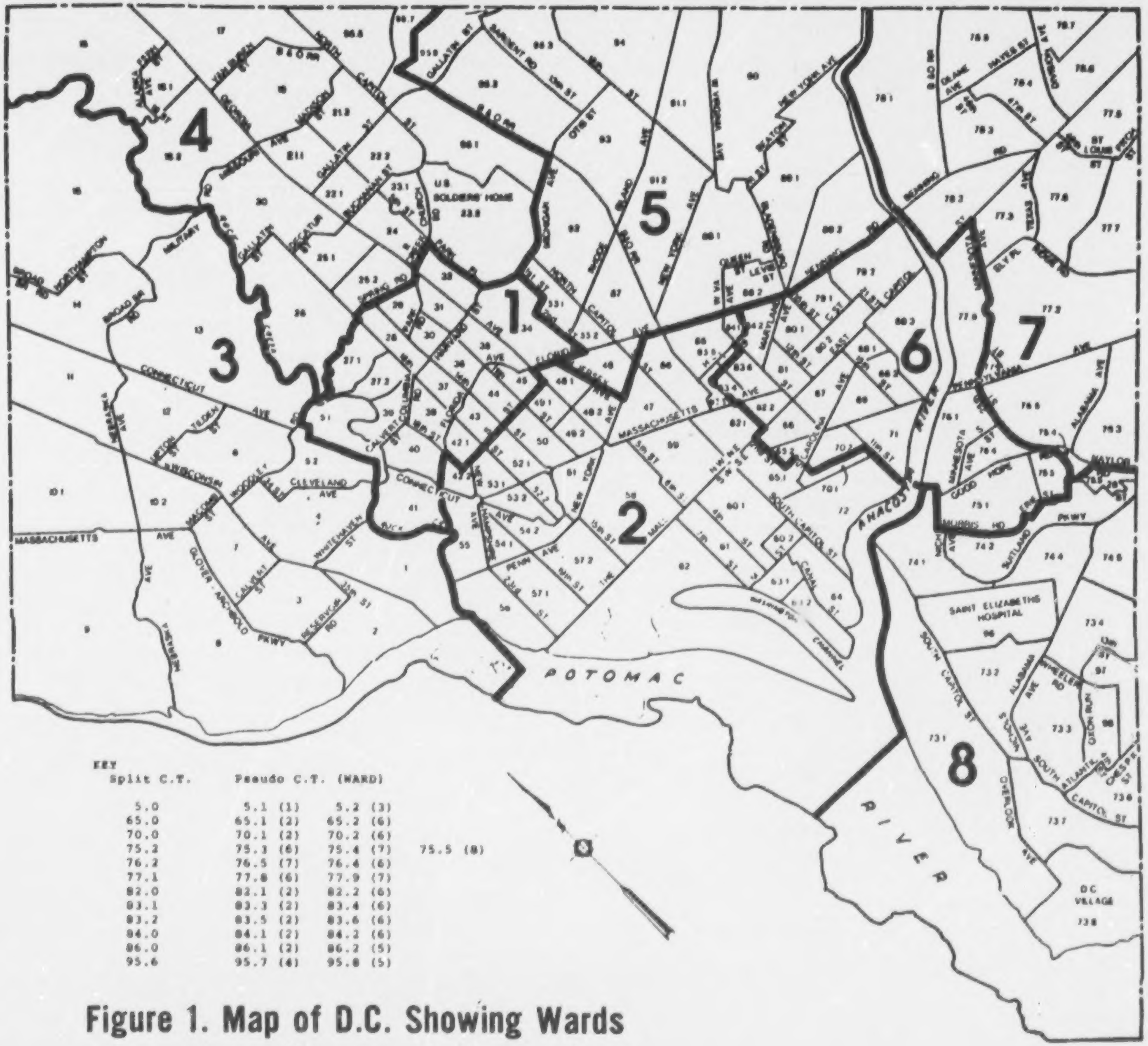
In the 9th Revision, the category "Disorders relating to short gestation and unspecified low birth weight" has replaced Immaturity, unqualified, and in 1979 57 deaths, or 27.5 percent of the total 207, were assigned to this cause.

Almost half of all the 1979 infant deaths - 103 - occurred in less than 24 hours after delivery. Of these deaths, 70 occurred in less than 3 hours after birth: 20 in less than an hour, 25 from 1 hour to 1 hour, 59 minutes, and 25 from 2 hours to less than 3. Presumably it is chiefly among these 70 deaths that more aggressive intervention during or immediately after delivery might have made a difference in outcome. Of course, more aggressive intervention might only have postponed the hour of death.

It can be seen from Table 22 that the District's under 1 day death rate averaged a little under 12.0 per 1,000 live births in the seven years from 1972 to 1978 after declining each year from 18.1 in 1966. National figures are not yet available for 1979, but from 1970 to 1978 the national rate declined 42 percent, from 8.8 to 5.1, while the District's rate dropped only 18 percent. A substantial part of the difference stems from Immaturity, unqualified, for which the U.S. rate was 1.1 in 1978, compared with 6.2 for the District.

MATERNAL MORTALITY

Maternal deaths are classified into two groups, Complications of pregnancy, childbirth, and the puerperium and Pregnancy with abortive outcome. In 1979 there were 3 maternal deaths, for a maternal mortality rate of 3.2 per 10,000 live births. As can be seen in Table A, there were no maternal deaths in 1978 and an average of 3 each year from 1971 through 1977. Since 1965, when such records were first kept, there have been no maternal deaths among women receiving their prenatal care in the Department of Human Services' health clinics.


4
3
1
5
2
6
7
8
POTOMAC
ANACOSTIA RIVER
RIVER
US SOLDIERS' HOME
SAINT ELIZABETHS HOSPITAL
DC VILLAGE
MASSACHUSETTS AVE
CONNECTICUT AVE
NEW YORK AVE
PENNSYLVANIA AVE
SOUTH CAPITOL ST
NORTH CAPITOL ST
WISCONSIN
NEBRASKA AVE
GEORGIA AVE

KEY

Split C.T.	Pseudo C.T. (WARD)		
5.0	5.1 (1)	5.2 (3)	
65.0	65.1 (2)	65.2 (6)	
70.0	70.1 (2)	70.2 (6)	
75.2	75.3 (6)	75.4 (7)	75.5 (8)
76.2	76.5 (7)	76.4 (6)	
77.1	77.8 (6)	77.9 (7)	
82.0	82.1 (2)	82.2 (6)	
83.1	83.3 (2)	83.4 (6)	
83.2	83.5 (2)	83.6 (6)	
84.0	84.1 (2)	84.2 (6)	
86.0	86.1 (2)	86.2 (5)	
95.6	95.7 (4)	95.8 (5)	

Figure 1. Map of D.C. Showing Wards

Figure 2. Live Births and Deaths: District of Columbia Residents, 1968 - 1979

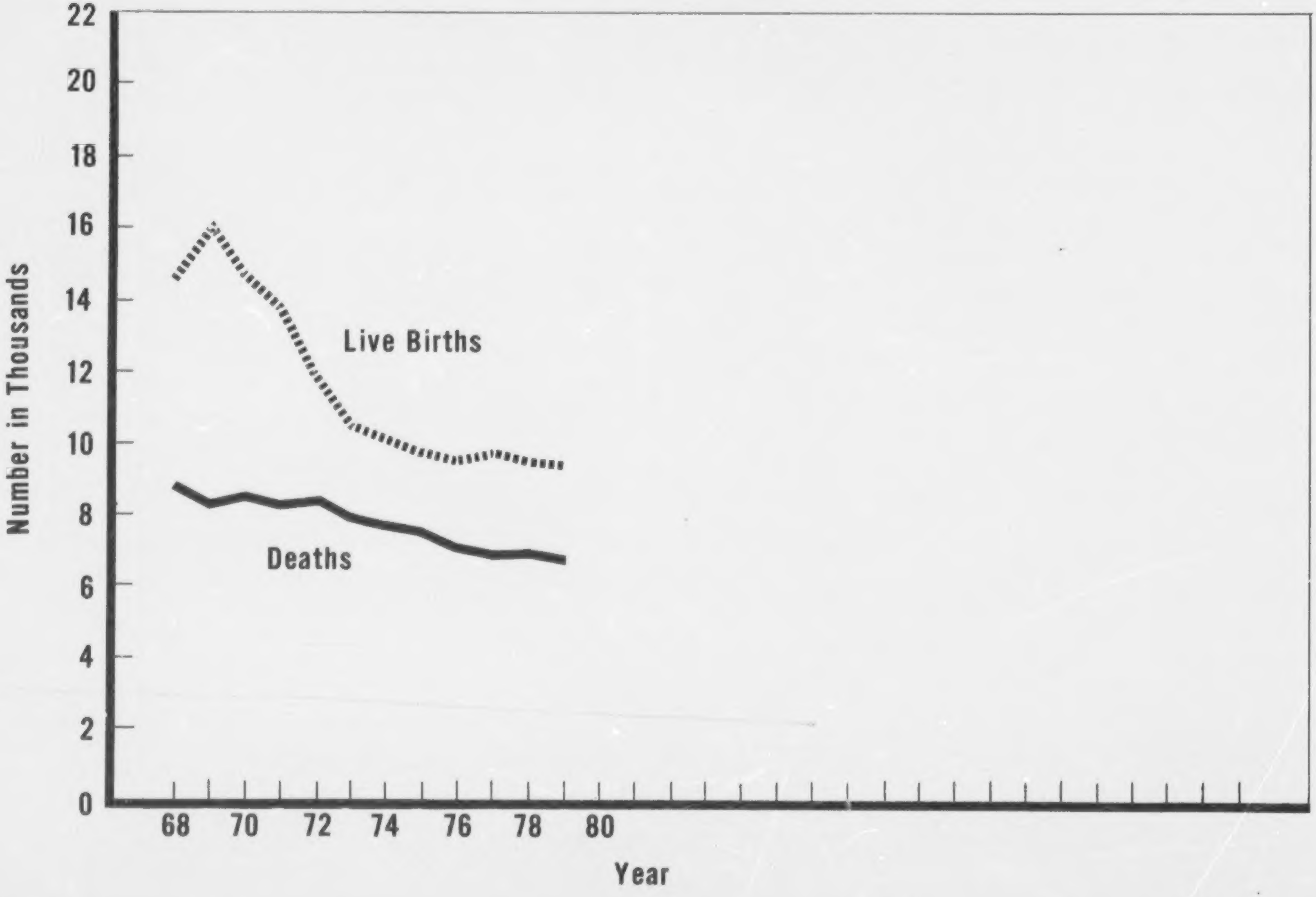


Figure 3. Leading Causes of Death: District of Columbia, 1950, 1960, 1970 and 1979

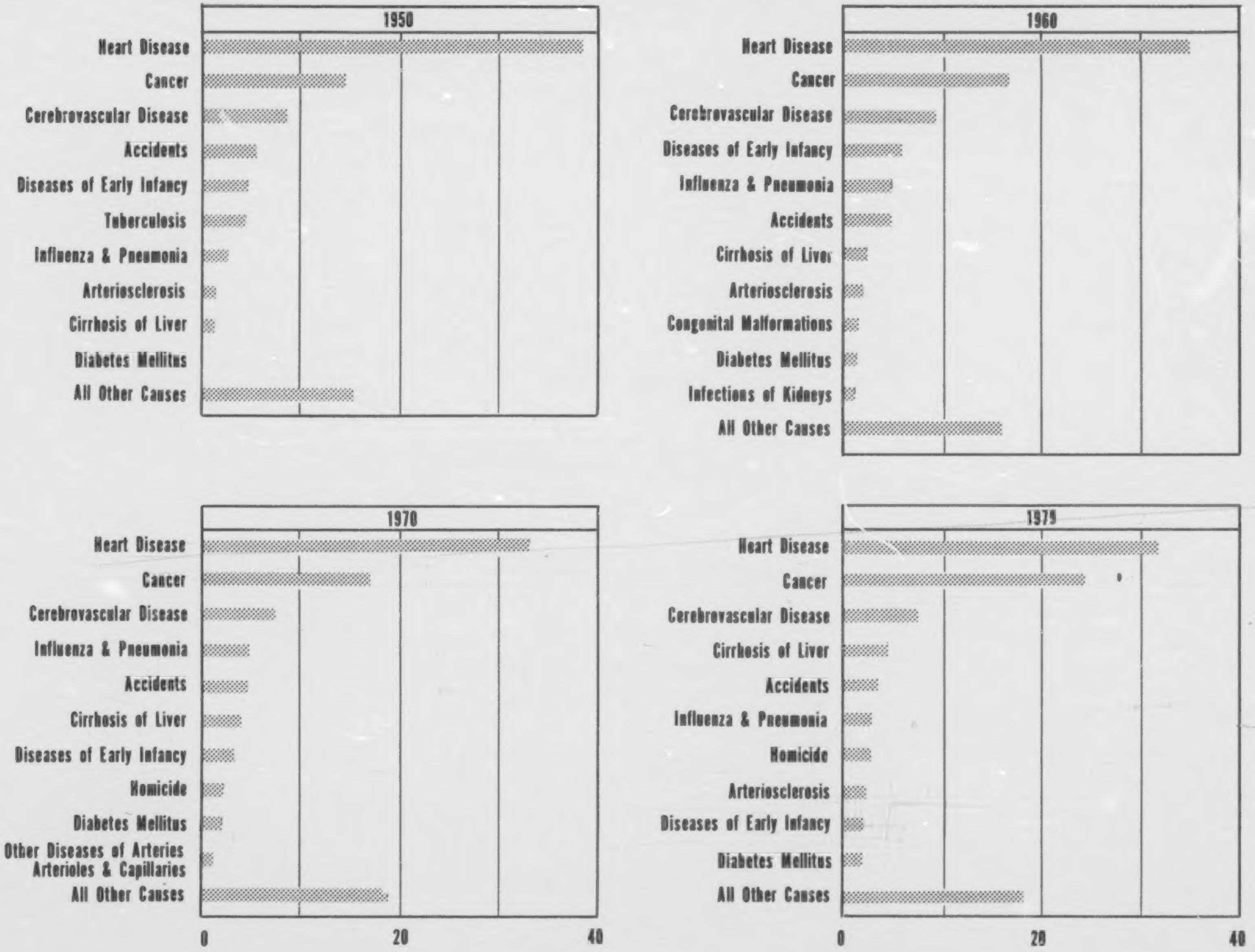
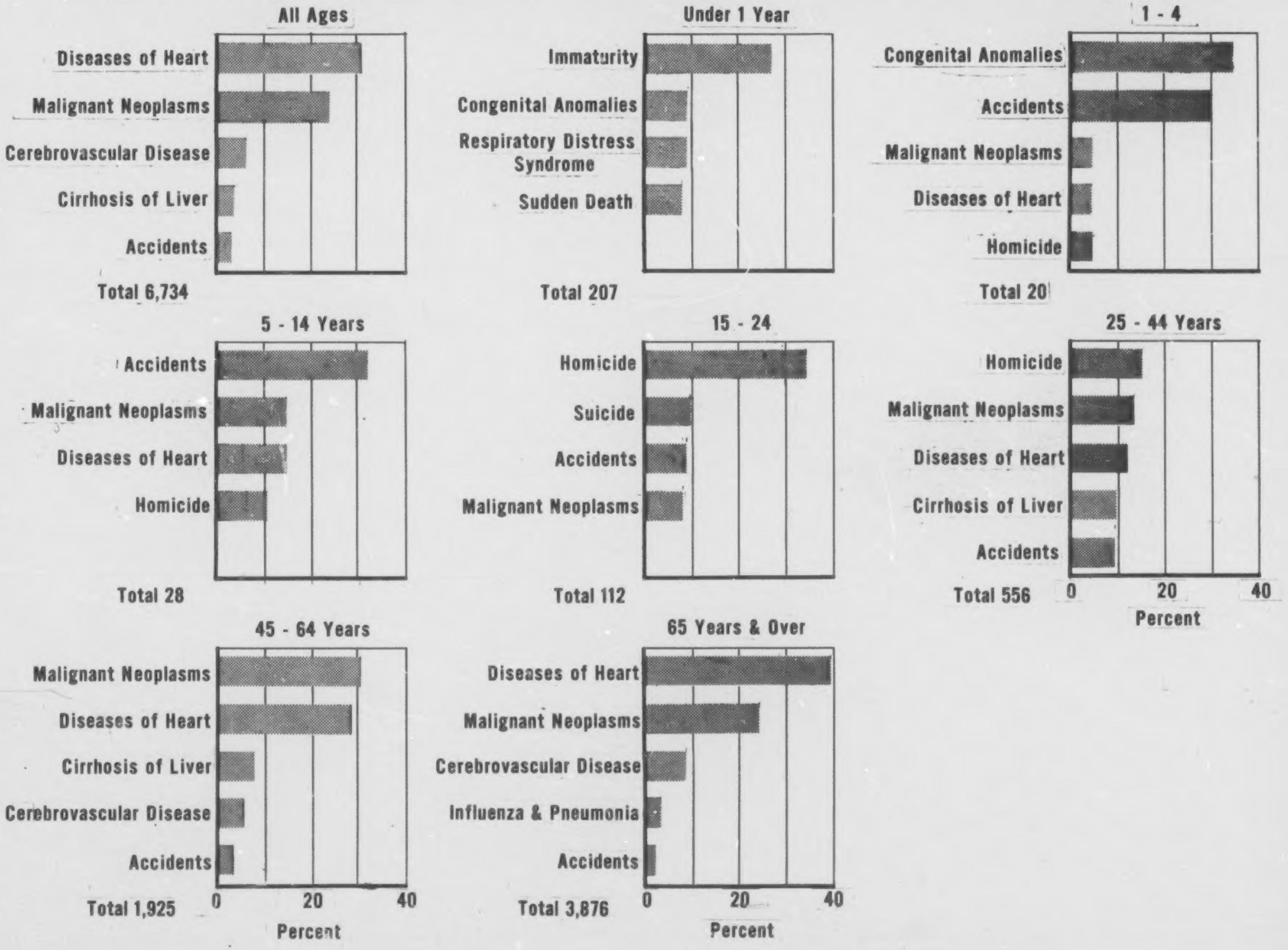


Figure 4. Leading Causes of Death in Selected Age Groups: District of Columbia, 1979



Tables

Table 1.--ESTIMATED POPULATION BY AGE, RACE, AND SEX: DISTRICT OF COLUMBIA, 1979

Age (in years)	Total			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total...	660,200	296,300	363,900	489,500	220,300	269,200	170,700	76,000	94,700
Under 5......	40,700	20,300	20,400	37,200	18,700	18,500	3,500	1,600	1,900
5-9..........	45,100	22,100	23,000	41,000	20,000	21,000	4,100	2,100	2,000
10-14........	47,000	24,300	22,700	42,000	21,700	20,300	5,000	2,600	2,400
15-19........	58,200	26,900	31,300	50,600	23,100	27,500	7,600	3,800	3,800
20-24........	63,900	26,900	37,000	55,600	22,700	32,900	8,300	4,200	4,100
25-29........	59,500	27,300	32,200	43,500	19,600	23,900	16,000	7,700	8,300
30-34........	54,100	24,100	30,000	35,000	15,200	19,800	19,100	8,900	10,200
35-39........	44,000	20,100	23,900	27,800	11,900	15,900	16,200	8,200	8,000
40-44........	36,700	16,900	19,800	26,200	11,500	14,700	10,500	5,400	5,100
45-49........	35,300	16,100	19,200	26,300	11,600	14,700	9,000	4,500	4,500
50-54........	35,700	15,800	19,900	25,200	11,100	14,100	10,500	4,700	5,800
55-59........	35,000	15,100	19,900	23,300	10,100	13,200	11,700	5,000	6,700
60-64........	32,000	13,600	18,400	19,600	8,500	11,100	12,400	5,100	7,300
65 and over..	73,000	26,800	46,200	36,200	14,600	21,600	36,800	12,200	24,600

Table 2.--NUMBER OF TOTAL RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT NEONATAL AND FETAL DEATHS 1970-1979 AND AVERAGES 1945-1979

Year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1979....................	9,403	6,734	207	159	112	22.0	16.9	11.9
1978....................	9,372	6,959	242	179	137	25.8	19.1	14.6
1977....................	9,885	7,064	270	203	160	27.3	20.5	16.2
1976....................	9,635	7,238	240	193	169	24.9	20.0	17.5
1975....................	9,746	7,446	279	220	149	28.6	22.6	15.3
1974....................	10,037	7,815	277	216	140	27.6	21.5	13.9
1973....................	10,837	8,017	276	208	141	25.5	19.2	13.0
1972....................	11,886	8,313	323	235	250	27.2	19.8	21.0
1971....................	13,914	8,405	396	294	286	28.5	21.1	20.6
1970....................	14,960	8,690	432	339	258	28.9	22.7	17.2
AVERAGE ANNUAL								
1975-1979...............	9,608	7,088	248	191	146	25.8	19.9	15.2
1970-1974...............	12,326	8,248	341	258	215	27.7	20.9	17.4
1965-1969...............	15,796	8,873	511	387	314	32.3	24.5	19.9
1960-1964...............	19,768	8,881	684	513	370	34.6	26.0	18.7
1955-1959...............	19,739	8,559	678	520	355	34.3	26.3	18.0
1950-1954...............	20,514	8,392	628	499	398	30.6	24.3	19.4
1945-1949...............	19,411	8,324	669	516	441	34.5	26.6	22.7

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 3.--NUMBER OF BLACK RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS 1970-1979 AND AVERAGES 1945-1979

Year	Live births	Deaths	Number			Rates [2]		
			Infant deaths	Neonatal deaths	Fetal deaths [1]	Infant deaths	Neonatal deaths	Fetal deaths
1979....................	8,053	4,685	199	152	100	24.7	18.9	12.4
1978....................	8,004	4,776	229	168	125	28.6	21.0	15.6
1977....................	8,515	4,828	251	189	152	29.5	22.2	17.9
1976....................	8,293	4,940	230	188	154	27.7	22.7	18.6
1975....................	8,462	5,018	254	198	138	30.0	23.4	16.3
1974....................	8,737	5,200	255	196	127	29.2	22.4	14.5
1973....................	9,413	5,172	245	185	127	26.0	19.7	13.5
1972....................	10,518	5,419	296	213	216	28.1	20.3	20.5
1971....................	12,131	5,429	368	273	240	30.3	22.5	19.8
1970....................	13,091	5,360	389	303	228	29.7	23.1	17.4
AVERAGE ANNUAL								
1975-1979...............	8,265	4,849	233	179	134	28.2	21.7	16.2
1970-1974...............	10,778	5,316	311	234	188	28.9	21.7	17.4
1965-1969...............	13,148	5,183	451	339	276	34.3	25.8	21.0
1960-1964...............	14,225	4,463	542	402	295	38.1	28.3	20.7
1955-1959...............	12,581	3,733	498	374	258	39.6	29.7	20.5
1950-1954...............	9,814	3,231	337	255	237	34.3	26.0	24.1
1945-1949...............	7,105	3,029	302	221	230	42.5	31.1	32.4

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 4.--NUMBER OF WHITE RESIDENT LIVE BIRTHS AND DEATHS, NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS 1970-1979 AND AVERAGES 1945-1979

Year	Live births	Deaths	Number			Rates [2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
1979....................	1,350	2,049	8	7	12	5.9	5.2	8.9
1978....................	1,368	2,183	13	11	12	9.5	8.0	8.8
1977....................	1,370	2,236	19	14	8	13.9	10.2	5.8
1976....................	1,342	2,298	10	5	15	7.5	3.7	11.2
1975....................	1,284	2,428	25	22	11	19.5	17.1	8.6
1974....................	1,300	2,615	22	20	13	16.9	15.4	10.0
1973....................	1,424	2,845	31	23	14	21.8	16.2	9.8
1972....................	1,368	2,894	27	22	34	19.7	16.1	24.9
1971....................	1,783	2,976	28	21	46	15.7	11.8	25.8
1970....................	1,869	3,330	43	36	30	23.0	19.3	16.1
AVERAGE ANNUAL								
1975-1979...............	1,343	2,239	15	12	12	11.2	8.9	8.9
1970-1974...............	1,548	2,932	30	24	27	19.4	15.5	17.4
1965-1969...............	2,648	3,690	60	48	38	22.7	18.1	14.4
1960-1964...............	5,543	4,418	142	111	75	25.3	20.0	13.5
1955-1959...............	7,158	4,826	180	146	97	25.1	20.4	13.6
1950-1954...............	10,700	5,161	291	244	161	27.2	22.8	15.0
1945-1949...............	12,306	5,295	267	295	212	29.8	24.0	17.2

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] Per 1,000 live births.

Table 5.--OUT-OF-WEDLOCK RATIOS BY AGE OF MOTHER AND RACE: DISTRICT OF COLUMBIA, 1973-1979

Year and race	Total [1]	Age of mother (in years)						
		Under 15	15-19	20-24	25-29	30-34	35-39	40 and over
TOTAL								
1979	578.9	1000.0	921.4	684.7	423.1	229.5	226.1	292.7
1978	553.4	1000.0	914.3	632.6	386.3	232.3	214.5	247.1
1977	530.4	977.0	900.3	604.9	331.1	216.0	209.0	252.9
1976	525.7	977.8	901.1	585.0	320.5	174.1	209.2	174.4
1975	511.8	991.4	861.9	539.7	282.8	195.1	196.3	259.3
1974	497.6	1000.0	855.0	502.3	261.7	182.5	212.8	218.8
1973	467.0	986.1	823.5	446.7	228.2	211.1	216.3	206.5
BLACK								
1979	652.6	1000.0	933.7	704.6	479.1	341.6	329.8	338.7
1978	626.7	1000.0	928.1	664.9	444.4	334.8	310.5	272.7
1977	595.9	976.7	913.9	638.3	380.9	300.3	256.0	312.5
1976	589.2	977.0	911.3	614.9	374.7	237.9	278.6	215.4
1975	569.8	991.0	877.3	564.2	332.6	273.7	252.7	311.5
1974	549.5	1000.0	864.4	521.9	314.0	242.4	256.8	280.0
1973	515.9	985.3	834.1	466.2	268.8	275.2	270.5	228.6
WHITE								
1979	139.3	1000.0	617.3	349.4	121.5	34.0	76.1	150.0
1978	124.3	1000.0	528.6	235.8	101.0	39.5	71.9	157.9
1977	123.4	1000.0	453.1	211.2	99.3	57.7	101.6	87.0
1976	133.4	1000.0	651.7	202.6	89.6	52.4	61.1	47.6
1975	129.3	1000.0	518.5	233.1	63.5	39.2	47.6	100.0
1974	148.5	1000.0	652.9	245.7	56.8	54.0	74.5	0
1973	144.0	1000.0	572.6	207.4	75.1	73.1	39.6	136.4

[1] Includes age of mother not stated which is not shown separately.

NOTE: Ratios per 1,000 live births in specified groups.

Table 6.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE-BIRTH ORDER AND RACE: DISTRICT OF COLUMBIA, 1977-1979 AND AVERAGES 1965-1979

Live birth order and race	Number						Percent					
				Annual average						Annual average		
	1979	1978	1977	1975-1979	1970-1974	1965-1969	1979	1978	1977	1975-1979	1970-1974	1965-1969
Total	9,403	9,372	9,885	9,608	12,326	15,796	100.0	100.0	100.0	100.0	100.0	100.0
First child	4,535	4,372	4,633	4,573	5,824	6,444	48.2	46.6	46.9	47.6	47.2	40.8
Second child	2,544	2,626	2,741	2,653	3,244	3,785	27.1	28.0	27.7	27.6	26.3	24.0
Third child	1,290	1,284	1,348	1,270	1,543	2,116	13.7	13.7	13.6	13.2	12.5	13.4
Fourth child	554	559	603	569	781	1,291	5.9	6.0	6.1	5.9	6.3	8.2
Fifth child	251	275	293	271	410	819	2.7	2.9	3.0	2.8	3.3	5.2
Sixth child	104	127	117	127	224	540	1.1	1.4	1.2	1.3	1.8	3.4
Seventh child	61	73	79	75	127	332	0.6	0.8	0.8	0.8	1.0	2.1
Eighth child and over	52	46	55	60	173	469	0.6	0.5	0.6	0.6	1.4	3.0
Not stated	12	10	16	10	-	-	0.1	0.1	0.2	0.1	0	0
Black	8,053	8,004	8,515	8,265	10,778	13,148	100.0	100.0	100.0	100.0	100.0	100.0
First child	3,792	3,631	3,886	3,832	4,967	5,081	47.1	45.4	45.6	46.4	46.1	38.6
Second child	2,140	2,228	2,358	2,263	2,806	3,108	26.6	27.8	27.7	27.4	26.0	23.6
Third child	1,162	1,141	1,194	1,136	1,393	1,806	14.4	14.3	14.0	13.7	12.9	13.7
Fourth child	516	510	551	525	727	1,146	6.4	6.4	6.5	6.4	6.7	8.7
Fifth child	232	251	276	253	384	754	2.9	3.1	3.2	3.1	3.6	5.7
Sixth child	94	120	107	118	212	499	1.2	1.5	1.3	1.4	2.0	3.8
Seventh child	57	70	76	72	123	311	0.7	0.9	0.9	0.9	1.1	2.4
Eighth child and over	48	43	51	56	166	443	0.6	0.5	0.6	0.7	1.5	3.4
Not stated	12	10	16	10	-	-	0.1	0.1	0.2	0.1	0	0
White	1,350	1,368	1,370	1,343	1,548	2,648	100.0	100.0	100.0	100.0	100.0	100.0
First child	743	741	747	741	857	1,363	55.0	54.2	54.5	55.2	55.4	51.5
Second child	404	398	383	391	438	677	29.9	29.1	28.0	29.1	28.3	25.6
Third child	128	143	154	133	150	310	9.5	10.5	11.2	9.9	9.7	11.7
Fourth child	38	49	52	44	54	145	2.8	3.6	3.8	3.3	3.5	5.5
Fifth child	19	24	17	19	26	65	1.4	1.8	1.2	1.4	1.7	2.5
Sixth child	10	7	10	9	12	41	0.7	0.5	0.7	0.7	0.8	1.5
Seventh child	4	3	3	3	4	21	0.3	0.2	0.2	0.2	0.3	0.8
Eighth child and over	4	3	4	3	7	26	0.3	0.2	0.3	0.2	0.5	1.0
Not stated	-	-	-	-	-	-	0	0	0	0	0	0

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1979

Age of mother and Plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Total	9,403	4,535	2,544	1,290	554	251	104	61	35	13	4	12
Less than 15 years..	58	53	5	-	-	-	-	-	-	-	-	-
11.............	-	-	-	-	-	-	-	-	-	-	-	-
12.............	2	2	-	-	-	-	-	-	-	-	-	-
13.............	13	12	1	-	-	-	-	-	-	-	-	-
14.............	43	39	4	-	-	-	-	-	-	-	-	-
15 - 19 years........	2,087	1,652	343	82	9	1	-	-	-	-	-	-
15.............	172	160	9	3	-	-	-	-	-	-	-	-
16.............	320	292	26	1	1	-	-	-	-	-	-	-
17.............	409	337	63	9	-	-	-	-	-	-	-	-
18.............	557	424	96	35	2	-	-	-	-	-	-	-
19.............	629	439	149	34	6	1	-	-	-	-	-	-
20 - 24 years........	2,969	1,428	953	401	140	33	13	-	1	-	-	-
25 - 29 years........	2,264	776	677	461	216	87	32	8	5	1	-	1
30 - 34 years........	1,451	481	429	263	129	76	31	27	9	4	-	2
35 - 39 years........	482	124	127	71	54	41	22	19	13	3	1	7
40 - 44 years........	79	17	7	9	6	11	6	6	7	5	3	2
45 and over..........	3	-	-	1	-	1	-	1	-	-	-	-
Not stated...........	10	4	3	2	-	1	-	-	-	-	-	-

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1979-CONTINUED

Age of mother and Plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Single Births	9,197	4,492	2,469	1,242	535	243	99	58	34	12	3	10
Less than 15 years..	56	52	4	-	-	-	-	-	-	-	-	-
11.............	-	-	-	-	-	-	-	-	-	-	-	-
12.............	2	2	-	-	-	-	-	-	-	-	-	-
13.............	13	12	1	-	-	-	-	-	-	-	-	-
14.............	41	38	3	-	-	-	-	-	-	-	-	-
15 - 19 years........	2,061	1,641	331	79	9	1	-	-	-	-	-	-
15.............	170	159	8	3	-	-	-	-	-	-	-	-
16.............	318	291	25	1	1	-	-	-	-	-	-	-
17.............	405	335	61	9	-	-	-	-	-	-	-	-
18.............	551	423	93	33	2	-	-	-	-	-	-	-
19.............	617	433	144	33	6	1	-	-	-	-	-	-
20 - 24 years........	2,899	1,409	929	387	130	31	12	-	1	-	-	-
25 - 29 years........	2,219	770	659	444	213	86	32	8	5	1	-	1
30 - 34 years........	1,399	475	412	251	123	71	28	25	8	4	-	2
35 - 39 years........	476	124	125	69	54	41	22	19	13	3	1	5
40 - 44 years........	75	17	7	9	6	11	5	5	7	4	2	2
45 and over..........	3	-	-	1	-	1	-	1	-	-	-	-
Not stated...........	9	4	2	2	-	1	-	-	-	-	-	-

Table 7.--LIVE BIRTHS BY LIVE BIRTH ORDER, AGE OF MOTHER AND PLURALITY, ALL RACES: DISTRICT OF COLUMBIA, 1979 -CONTINUED

Age of mother and Plurality	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Plural Births	206	43	75	48	19	8	5	3	1	1	1	2
Less than 15 years..	2	1	1	-	-	-	-	-	-	-	-	-
11............	-	-	-	-	-	-	-	-	-	-	-	-
12............	-	-	-	-	-	-	-	-	-	-	-	-
13............	-	-	-	-	-	-	-	-	-	-	-	-
14............	2	1	1	-	-	-	-	-	-	-	-	-
15 - 19 years........	26	11	12	3	-	-	-	-	-	-	-	-
15............	2	1	1	-	-	-	-	-	-	-	-	-
16............	2	1	1	-	-	-	-	-	-	-	-	-
17............	4	2	2	-	-	-	-	-	-	-	-	-
18............	6	1	3	2	-	-	-	-	-	-	-	-
19............	12	6	5	1	-	-	-	-	-	-	-	-
20 - 24 years........	70	19	24	14	10	2	1	-	-	-	-	-
25 - 29 years........	45	6	18	17	3	1	-	-	-	-	-	-
30 - 34 years........	52	6	17	12	6	5	3	2	1	-	-	-
35 - 39 years........	6	-	2	2	-	-	-	-	-	-	-	2
40 - 44 years........	4	-	-	-	-	-	1	1	-	1	1	-
45 and over..........	-	-	-	-	-	-	-	-	-	-	-	-
Not stated..........	1	-	1	-	-	-	-	-	-	-	-	-

Table 8.--LIVE BIRTHS BY LIVE BIRTH ORDER AND AGE OF MOTHER, BLACK RESIDENTS: DISTRICT OF COLUMBIA, 1979

Age of mother	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Total	8,053	3,792	2,140	1,162	516	232	94	57	31	13	4	12
Less than 15 years..	57	52	5	-	-	-	-	-	-	-	-	-
11.............	-	-	-	-	-	-	-	-	-	-	-	-
12.............	2	2	-	-	-	-	-	-	-	-	-	-
13.............	12	11	1	-	-	-	-	-	-	-	-	-
14.............	43	39	4	-	-	-	-	-	-	-	-	-
15 - 19 years........	2,006	1,584	333	81	7	1	-	-	-	-	-	-
15.............	170	158	9	3	-	-	-	-	-	-	-	-
16.............	307	280	25	1	1	-	-	-	-	-	-	-
17.............	399	328	62	9	-	-	-	-	-	-	-	-
18.............	540	411	92	35	2	-	-	-	-	-	-	-
19.............	590	407	145	33	4	1	-	-	-	-	-	-
20 - 24 years........	2,803	1,325	904	390	137	33	13	-	1	-	-	-
25 - 29 years........	1,910	568	578	430	210	80	29	8	5	1	-	1
30 - 34 years........	922	202	258	211	113	72	27	25	8	4	-	2
35 - 39 years........	285	51	54	43	45	33	19	18	11	3	1	7
40 - 44 years........	60	8	5	4	4	11	6	6	6	5	3	2
45 and over..........	2	-	-	1	-	1	-	-	-	-	-	-
Not stated..........	8	2	3	2	-	1	-	-	-	-	-	-

Table 9.--LIVE BIRTHS BY LIVE BIRTH ORDER, AND AGE OF MOTHER, WHITE RESIDENTS: DISTRICT OF COLUMBIA, 1979

Age of mother	Total	Live Birth Order										
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10 and over	Not stated
Total	1,350	743	404	128	38	19	10	4	4	-	-	-
Less than 15 years..	1	1	-	-	-	-	-	-	-	-	-	-
11............	-	-	-	-	-	-	-	-	-	-	-	-
12............	-	-	-	-	-	-	-	-	-	-	-	-
13............	1	1	-	-	-	-	-	-	-	-	-	-
14............	-	-	-	-	-	-	-	-	-	-	-	-
15 - 19 years........	81	68	10	1	2	-	-	-	-	-	-	-
15............	2	2	-	-	-	-	-	-	-	-	-	-
16............	13	12	1	-	-	-	-	-	-	-	-	-
17............	10	9	1	-	-	-	-	-	-	-	-	-
18............	17	13	4	-	-	-	-	-	-	-	-	-
19............	39	32	4	1	2	-	-	-	-	-	-	-
20 - 24 years........	166	103	49	11	3	-	-	-	-	-	-	-
25 - 29 years........	354	208	99	31	6	7	3	-	-	-	-	-
30 - 34 years........	529	279	171	52	16	4	4	2	1	-	-	-
35 - 39 years........	197	73	73	28	9	8	3	1	2	-	-	-
40 - 44 years........	19	9	2	5	2	-	-	-	1	-	-	-
45 and over..........	1	-	-	-	-	-	-	1	-	-	-	-
Not stated...........	2	2	-	-	-	-	-	-	-	-	-	-

Table 10.--LIVE BIRTHS BY WARD AND AGE OF MOTHER, ALL RESIDENTS: DISTRICT OF COLUMBIA, 1979

Ward	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total......	9,403	58	2,087	2,969	2,264	1,451	482	79	3	10
Ward 1............	1,293	7	274	369	352	221	60	9	-	1
Ward 2............	899	8	205	248	236	139	57	5	-	1
Ward 3............	599	3	39	40	129	265	108	15	-	-
Ward 4............	958	6	175	302	262	153	48	9	1	2
Ward 5............	1,177	5	284	421	259	141	50	15	-	2
Ward 6............	1,161	4	295	368	251	173	63	6	1	-
Ward 7............	1,525	13	371	570	338	172	51	8	1	1
Ward 8............	1,752	12	438	636	425	184	44	10	-	3
Not reported......	39	-	6	15	12	3	1	2	-	-

Table 11.--LIVE BIRTHS BY WARD AND AGE OF MOTHER, BLACK RESIDENTS: DISTRICT OF COLUMBIA, 1979

Ward	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total......	8,053	57	2,006	2,803	1,910	922	285	60	2	8
Ward 1...........	1,060	7	263	338	273	140	32	7	-	-
Ward 2...........	745	8	191	229	195	88	30	4	-	-
Ward 3...........	80	2	20	11	16	22	7	2	-	-
Ward 4...........	895	6	174	294	245	122	42	9	1	2
Ward 5...........	1,134	5	280	412	247	130	45	13	-	2
Ward 6...........	1,012	4	291	360	214	99	38	5	1	-
Ward 7...........	1,487	13	366	560	325	163	51	8	-	1
Ward 8...........	1,604	12	415	585	384	156	39	10	-	3
Not reported......	36	-	6	14	11	2	1	2	-	-

Table 12.--LIVE BIRTHS BY WARD AND AGE OF MOTHER, WHITE RESIDENTS: DISTRICT OF COLUMBIA, 1979

Ward	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Not stated
Total......	1,350	1	81	166	354	529	197	19	1	2
Ward 1...........	233	-	11	31	79	81	28	2	-	1
Ward 2...........	154	-	14	19	41	51	27	1	-	1
Ward 3...........	519	1	19	29	113	243	101	13	-	-
Ward 4...........	63	-	1	8	17	31	6	-	-	-
Ward 5...........	43	-	4	9	12	11	5	2	-	-
Ward 6...........	149	-	4	8	37	74	25	1	-	-
Ward 7...........	38	-	5	10	13	9	-	-	1	-
Ward 8...........	148	-	23	51	41	28	5	-	-	-
Not reported......	3	-	-	1	1	1	-	-	-	-

Table 13.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE, AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1979

Race and selected characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
ALL RACES										
Total live births................	9,403	1,293	899	599	958	1,177	1,161	1,525	1,752	39
Percent distribution.........	100.0	13.8	9.6	6.4	10.2	12.5	12.3	16.2	18.6	0.4
Out-of-wedlock births										
Number........................	5,443	684	528	73	509	749	724	1,033	1,126	17
Ratio per 1,000 live births..	578.9	529.0	587.3	121.9	531.3	636.4	623.6	677.4	642.7	435.9
Premature births[1]										
Number........................	1,577	228	164	47	128	219	197	279	308	7
Percent of total births......	16.8	17.6	18.2	7.8	13.4	18.6	17.0	18.3	17.6	17.9
Percent distribution.........	100.0	14.5	10.4	3.0	8.1	13.9	12.5	17.7	19.5	0.4
Immature births[2]										
Number........................	1,197	144	101	38	117	163	164	200	264	6
Percent of total births......	12.7	11.1	11.2	6.3	12.2	13.8	14.1	13.1	15.1	15.4
Percent distribution.........	100.0	12.0	8.4	3.2	9.8	13.6	13.7	16.7	22.1	0.5
Inadequate prenatal care[3]										
Number........................	537	83	78	17	41	54	77	99	86	2
Percent of total births......	5.7	6.4	8.7	2.8	4.3	4.6	6.6	6.5	4.9	5.1
Percent distribution.........	100.0	15.5	14.5	3.2	7.6	10.1	14.3	18.4	16.0	0.4

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table 13.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE, AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1979-CONTINUED

Race and selected characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
WHITE										
Total live births...............	1,350	233	154	519	63	43	149	38	148	3
Percent distribution.........	100.0	17.3	11.4	38.4	4.7	3.2	11.0	2.8	11.9	0.2
Out-of-wedlock births										
Number.......................	188	47	31	43	12	13	7	18	17	-
Ratio per 1,000 live births..	139.3	201.7	201.3	82.9	190.5	302.3	47.0	473.7	114.9	0
Premature births[1]										
Number.......................	121	43	13	39	4	5	10	4	3	-
Percent of total births......	9.0	18.5	8.4	7.5	6.3	11.6	6.7	10.5	2.0	0
Percent distribution.........	100.0	35.5	10.7	32.2	3.3	4.1	8.3	3.3	2.5	0
Immature births[2]										
Number.......................	73	17	9	31	2	3	5	1	5	-
Percent of total births......	5.4	7.3	5.8	6.0	3.2	7.0	3.4	2.6	3.4	0
Percent distribution.........	100.0	23.3	12.3	42.5	2.7	4.1	6.8	1.4	6.8	0
Inadequate prenatal care[3]										
Number.......................	47	16	12	10	3	1	3	-	2	-
Percent of total births......	3.5	6.9	7.8	1.9	4.8	2.3	2.0	0	1.4	0
Percent distribution.........	100.0	34.0	25.5	21.3	6.4	2.1	6.4	0	4.3	0

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

Table 13.--NUMBER AND PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS, AND BIRTHS WITH SELECTED CHARACTERISTICS (OUT-OF-WEDLOCK, PREMATURE, IMMATURE, AND WITH INADEQUATE PRENATAL CARE) BY RACE AND WARD: DISTRICT OF COLUMBIA, 1979-CONTINUED

Race and selected characteristics	Total	Ward								
		1	2	3	4	5	6	7	8	Unknown
BLACK										
Total live births................	8,053	1,060	745	80	895	1,134	1,012	1,487	1,604	36
Percent distribution..........	100.0	13.2	9.3	1.0	11.1	14.1	12.6	18.5	19.9	0.4
Out-of-wedlock births										
Number........................	5,255	637	497	30	497	736	717	1,015	1,109	17
Ratio per 1,000 live births..	652.6	600.9	667.1	375.0	555.3	649.0	708.5	682.6	691.4	472.2
Premature births[1]										
Number........................	1,456	185	151	8	124	214	187	275	305	7
Percent of total births......	18.1	17.5	20.3	10.0	13.9	18.9	18.5	18.5	19.0	19.4
Percent distribution..........	100.0	12.7	10.4	0.5	8.5	14.7	12.8	18.9	20.9	0.5
Immature births[2]										
Number........................	1,124	127	92	7	115	160	159	199	259	6
Percent of total births......	14.0	12.0	12.3	8.8	12.8	14.1	15.7	13.4	16.1	16.7
Percent distribution..........	100.0	11.3	8.2	0.6	10.2	14.2	14.1	17.7	23.0	0.5
Inadequate prenatal care[3]										
Number........................	490	67	66	7	38	53	74	99	84	2
Percent of total births......	6.1	6.3	8.9	8.8	4.2	4.7	7.3	6.7	5.2	5.6
Percent distribution..........	100.0	13.7	13.5	1.4	7.8	10.8	15.1	20.2	17.1	0.4

[1] Less than 37 weeks period of gestation.

[2] Birth weight of 2,500 grams or less.

[3] Prenatal care initiated in last trimester (28 weeks or more) or no prenatal care.

TABLE 14.-- RESIDENT DEATHS FOR 20 LEADING CAUSES, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1979

RANK	CAUSE OF DEATH	TOTAL			BLACK			WHITE		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
	TOTAL ALL CAUSES	6734	3605	3129	4685	2673	2012	2049	932	1117
01	DISEASES OF HEART (390-398,402,404-429)	2148	1081	1067	1366	733	633	782	348	434
02	CANCER (INCLUDING ETC.) (140-208)	1626	898	728	1117	661	456	509	237	272
03	CEREBROVASCULAR DISEASE (430-438)	450	189	261	286	136	150	164	53	111
04	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	252	173	79	207	146	61	45	27	18
05	ACCIDENTS AND ADVERSE EFFECTS (800-949)	218	147	71	164	123	41	54	24	30
06	PNEUMONIA AND INFLUENZA (480-487)	186	107	79	121	76	45	65	31	34
07	HOMICIDE AND LEGAL INTERVENTION (960-978)	178	141	37	162	131	31	16	10	6
08	ATHEROSCLEROSIS (440)	156	52	104	92	37	55	64	15	49
09	CERTAIN PERINATAL CONDITIONS (760-779)	145	81	64	140	78	62	5	3	2
10	DIABETES MELLITUS (250)	142	57	85	112	47	65	30	10	20
11	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. (490-496)	120	82	38	67	51	16	53	31	22
12	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	84	46	38	73	38	35	11	8	3
13	SUICIDE (950-959)	64	51	13	36	30	6	28	21	7
14	SEPTICEMIA (038)	54	27	27	39	21	18	15	6	9
15	HYPERTENSION WITH OR WITHOUT RENAL DISEASE (401,403)	36	16	20	29	12	17	7	4	3
16	CONGENITAL ANOMALIES (740-759)	32	13	19	25	12	13	7	1	6
17	ANEMIAS (280-285)	23	8	15	21	7	14	2	1	1
18	ULCER OF STOMACH AND DUODENUM (531-533)	20	13	7	12	7	5	8	6	2
19	TUBERCULOSIS (010-018)	19	13	6	17	11	6	2	2	0
19	BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC (210-239)	19	6	13	14	4	10	5	2	3
21	RESIDUAL	762	404	358	585	312	273	177	92	85

TABLE 15.--RESIDENT DEATH CRUDE RATES FOR 20 LEADING CAUSES , BY RACE AND SEX: DISTRICT OF COLUMBIA, 1979

		RATES PER 100,000 POPULATION								
		TOTAL			BLACK			WHITE		
RANK	CAUSE OF DEATH	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
	TOTAL ALL CAUSES	1020.0	1216.7	859.9	957.1	1213.3	747.4	1200.4	1226.3	1179.5
01	DISEASES OF HEART (390-398,402,404-429)	325.4	364.8	293.2	279.1	332.7	235.1	458.1	457.9	458.3
02	CANCER (INCLUDING ETC.) (140-208)	246.3	303.1	200.1	228.2	300.0	169.4	298.2	311.8	287.2
03	CEREBROVASCULAR DISEASE (430-438)	68.2	63.8	71.7	58.4	61.7	55.7	96.1	69.7	117.2
04	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	38.2	58.4	21.7	42.3	66.3	22.7	26.4	35.5	19.0
05	ACCIDENTS AND ADVERSE EFFECTS (800-949)	33.0	49.6	19.5	33.5	55.8	15.2	31.6	31.6	31.7
06	PNEUMONIA AND INFLUENZA (480-487)	28.2	36.1	21.7	24.7	34.5	16.7	38.1	40.8	35.9
07	HOMICIDE AND LEGAL INTERVENTION (960-978)	27.0	47.6	10.2	33.1	59.5	11.5	9.4	13.2	6.3
08	ATHEROSCLEROSIS (440)	23.6	17.5	28.6	18.8	16.8	20.4	37.5	19.7	51.7
09	CERTAIN PERINATAL CONDITIONS (760-779)	22.0	27.3	17.6	28.6	35.4	23.0	2.9	3.9	2.1
10	DIABETES MELLITUS (250)	21.5	19.2	23.4	22.9	21.3	24.1	17.6	13.2	21.1
11	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. (490-496)	18.2	27.7	10.4	13.7	23.2	5.9	31.0	40.8	23.2
12	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	12.7	15.5	10.4	14.9	17.2	13.0	6.4	10.5	3.2
13	SUICIDE (950-959)	9.7	17.2	3.6	7.4	13.6	2.2	16.4	27.6	7.4
14	SEPTICEMIA (038)	8.2	9.1	7.4	8.0	9.5	6.7	8.8	7.9	9.5
15	HYPERTENSION WITH OR WITHOUT RENAL DISEASE (401,403)	5.5	5.4	5.5	5.9	5.4	6.3	4.1	5.3	3.2
16	CONGENITAL ANOMALIES (740-759)	4.8	4.4	5.2	5.1	5.4	4.8	4.1	1.3	6.3
17	ANEMIAS (280-285)	3.5	2.7	4.1	4.3	3.2	5.2	1.2	1.3	1.1
18	ULCER OF STOMACH AND DUODENUM (531-533)	3.0	4.4	1.9	2.5	3.2	1.9	4.7	7.9	2.1
19	TUBERCULOSIS (010-018)	2.9	4.4	1.6	3.5	5.0	2.2	1.2	2.6	.0
19	BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC (210-239)	2.9	2.0	3.6	2.9	1.8	3.7	2.9	2.6	3.2
21	RESIDUAL	115.4	136.3	98.4	119.5	141.6	101.4	103.7	121.1	89.8

TABLE 16.--RESIDENT DEATH AGE ADJUSTED RATES FOR 20 LEADING CAUSES, BY RACE AND SEX: DISTRICT OF COLUMBIA, 1979

RANK	CAUSE OF DEATH	RATES PER 100,000 POPULATION -------TOTAL------- TOTAL	 MALE	 FEMALE	 --------BLACK------- TOTAL	 MALE	 FEMALE	 -------WHITE------- TOTAL	 MALE	 FEMALE
	TOTAL ALL CAUSES	781.9	1048.4	590.4	934.8	1263.0	688.9	510.5	636.2	437.1
01	DISEASES OF HEART (390-398,402,404-429)	229.6	300.2	180.4	267.0	345.2	209.1	171.0	218.3	144.1
02	CANCER (INCLUDING ETC.) (140-208)	183.7	251.8	139.5	220.6	310.8	156.3	128.5	155.0	118.1
03	CEREBROVASCULAR DISEASE (430-438)	48.1	53.0	43.8	56.3	64.6	49.8	32.6	31.5	33.0
04	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	34.4	54.3	19.3	44.1	71.7	23.2	15.9	22.7	10.8
05	ACCIDENTS AND ADVERSE EFFECTS (800-949)	28.8	46.7	14.6	34.0	59.4	14.5	19.0	21.5	16.3
06	PNEUMONIA AND INFLUENZA (480-487)	21.2	31.4	13.9	24.6	37.1	15.3	13.8	19.7	10.0
07	HOMICIDE AND LEGAL INTERVENTION (960-978)	26.8	47.0	10.3	33.9	62.2	11.7	7.9	10.3	5.9
08	ATHEROSCLEROSIS (440)	14.8	13.4	15.6	17.3	17.3	17.4	12.0	8.6	13.6
09	CERTAIN PERINATAL CONDITIONS (760-779)	28.4	31.8	25.1	30.1	33.4	26.8	11.4	15.0	8.4
10	DIABETES MELLITUS (250)	16.0	16.5	15.6	22.3	22.6	21.9	6.5	5.8	7.3
11	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. (490-496)	12.9	22.5	6.7	13.2	24.0	5.5	11.3	19.2	6.7
12	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	9.4	12.7	7.4	14.4	17.8	12.0	2.2	4.7	.8
13	SUICIDE (950-959)	8.8	16.1	3.0	7.2	13.9	1.9	13.0	21.6	6.0
14	SEPTICEMIA (038)	5.7	7.4	4.5	7.5	9.8	5.8	3.5	3.8	3.4
15	HYPERTENSION WITH OR WITHOUT RENAL DISEASE (401,403)	4.0	4.6	3.4	5.7	5.8	5.5	1.3	2.2	.8
16	CONGENITAL ANOMALIES (740-759)	6.1	5.0	7.2	5.3	5.1	5.6	10.7	1.0	18.9
17	ANEMIAS (280-285)	2.8	2.4	3.0	4.1	3.2	4.8	.6	1.0	.3
18	ULCER OF STOMACH AND DUODENUM (531-533)	2.3	3.6	1.4	2.3	3.3	1.6	1.8	3.6	.9
19	TUBERCULOSIS (010-018)	2.2	3.8	1.2	3.4	5.2	2.0	.5	1.4	.0
19	BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC (210-239)	2.2	1.7	2.6	2.8	1.9	3.4	.9	1.1	.8
21	RESIDUAL	94.0	122.6	71.9	118.5	148.8	94.6	45.9	68.1	30.8

Table 17.—PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1979

ICD Code 9th Revision	Cause of death and age	Male		ICD Code 9th Revision	Cause of death and age	Female	
		Number	Rate [1]			Number	Rate [1]
	1-4 years				1-4 years		
	Total	8	51.8		Total	12	75.7
E800-E949	Accidents	2	12.9	740-759	Congenital anomalies	5	31.5
740-759	Congenital anomalies	2	12.9	E800-E949	Accidents	4	25.2
140-208	Cancer (including etc.)	1	6.5	390-398,402,404-429	Diseases of heart	1	6.3
E960-E978	Homicide	1	6.5	Residual	All other causes	2	12.6
Residual	All other causes	2	12.9				
	5-14 years				5-14 years		
	Total	17	36.6		Total	11	24.1
E800-E949	Accidents	7	15.1	140-208	Cancer (including etc.)	2	4.4
140-208	Cancer (including etc.)	2	4.3	390-398,402,404-429	Diseases of heart	2	4.4
390-398,402,404-429	Diseases of heart	2	4.3	E800-E949	Accidents	2	4.4
E960-E978	Homicide	2	4.3	250	Diabetes mellitus	1	2.2
430-438	Cerebrovascular disease	1	2.2	480-487	Pneumonia and influenza	1	2.2
580-589	Nephritis, nephrotic syndrome and nephrosis	1	2.2	740-759	Congenital anomalies	1	2.2
Residual	All other causes	2	4.3	Residual	All other causes	2	4.4
	15-24 years				15-24 years		
	Total	68	126.4		Total	44	64.4
E960-E978	Homicide	28	52.0	E960-E978	Homicide	10	14.6
E800-E949	Accidents	8	14.9	140-208	Cancer (including etc.)	7	10.2
E950-E959	Suicide	7	13.0	E950-E959	Suicide	4	5.9
140-208	Cancer (including etc.)	2	3.7	390-398,402,404-429	Diseases of heart	2	2.9
280-285	Anemia	2	3.7	480-487	Pneumonia and influenza	1	1.5
430-438	Cerebrovascular diseases	2	3.7	280-285	Anemia	1	1.5
390-398,402,404-429	Diseases of heart	1	1.9	430-438	Cerebrovascular disease	1	1.5
Residual	All other causes	18	33.5	Residual	All other causes	18	26.4

Table 17.--PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1979-CONTINUED

ICD Code 9th Revision	Cause of death and age	Male		ICD Code 9th Revision	Cause of death and age	Female	
		Number	Rate[1]			Number	Rate[1]
	25-44 years				25-44 years		
	Total	384	434.4		Total	172	162.4
E960-E978	Homicide	71	80.3	140-208	Cancer (including etc.)	41	38.7
E800-E949	Accidents	46	52.0	390-398,402,404-429	Diseases of heart	27	25.5
390-398,402,404-429	Diseases of heart	38	43.0	571	Chronic liver disease and		
571	Chronic liver disease and				cirrhosis	17	16.1
	cirrhosis	38	43.0	E960-E978	Homicide	13	12.3
140-208	Cancer (including etc.)	34	38.5	E800-E949	Accidents	8	7.6
E950-E959	Suicide	22	24.9	430-438	Cerebrovascular disease	5	4.7
430-438	Cerebrovascular disease	17	19.2	250	Diabetes mellitus	5	4.7
Residual	All other causes	118	133.5	Residual	All other causes	56	52.9
	45-64 years				45-64 years		
	Total	1,194	1970.3		Total	731	944.4
390-398,402,404-429	Diseases of heart	366	604.0	140-208	Cancer (including etc.)	256	330.7
140-208	Cancer (including etc.)	343	566.0	390-398,402,404-429	Diseases of heart	189	244.2
571	Chronic liver disease and			571	Chronic liver disease and		
	cirrhosis	102	168.3		cirrhosis	44	56.8
430-438	Cerebrovascular disease	54	89.1	430-438	Cerebrovascular disease	42	54.3
E800-E949	Accidents	45	74.3	250	Diabetes mellitus	22	28.4
480-487	Pneumonia and influenza	36	59.4	E800-E949	Accidents	14	18.1
E960-E978	Homicide	33	54.5	E960-E978	Homicide	11	14.2
250	Diabetes mellitus	23	38.0	480-487	Pneumonia and influenza	9	11.6
Residual	All other causes	192	316.8	Residual	All other causes	144	186.0

Table 17.--PRINCIPAL CAUSES OF DEATH OF RESIDENTS BY AGE GROUP AND SEX WITH RATES: DISTRICT OF COLUMBIA, 1979-CONTINUED

ICD Code 9th Revision	Cause of death and age	Male		ICD Code 9th Revision	Cause of death and age	Female	
		Number	Rate [1]			Number	Rate [1]
	65 years and over				65 years and over		
	Total	1,810	6753.7		Total	2,066	4471.9
390-398,402,404-429	Diseases of heart	670	2500.0	390-398,402,404-429	Diseases of heart	844	1826.8
140-208	Cancer (including etc.)	515	1921.6	140-208	Cancer (including etc.)	420	909.1
430-438	Cerebrovascular disease	115	429.1	430-438	Cerebrovascular disease	213	461.0
480-487	Pneumonia and influenza	56	209.0	480-487	Pneumonia and influenza	62	134.2
E800-E949	Accidents	37	138.1	E800-E949	Accidents	41	88.7
571	Chronic liver disease and cirrhosis	33	123.1	038	Septicemia	23	49.8
580-589	Nephritis, nephrotic	31	115.7	571	Chronic liver disease and cirrhosis	17	36.8
Residual	All other causes	353	1317.2	Residual	All other causes	446	965.4

[1] Rates per 100,000 population in specified group.

TABLE 18.--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
TOTAL ALL CAUSES																					
TOTAL	6734	207	20	17	11	34	78	122	124	143	167	259	455	564	647	792	798	773	628	885	10
BLACK---M---	2673	115	7	11	6	22	39	69	81	91	108	135	252	286	319	360	293	222	123	131	3
F---	2012	84	10	5	4	9	31	37	29	38	47	89	141	178	184	247	225	239	176	237	2
WHITE---M---	932	3	1	0	0	3	4	13	6	8	8	17	29	68	88	105	150	134	142	150	3
F---	1117	5	2	1	1	0	4	3	8	6	4	18	33	32	56	80	130	178	187	367	2
01 SHIGELLOSIS AND AMEBIASIS 004,006																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02 CERTAIN OTHER INTESTINAL INFECTIONS 007-009																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS 010-018																					
TOTAL	19	0	0	0	0	0	0	0	0	0	0	2	2	5	1	3	1	3	0	2	0
BLACK---M---	11	0	0	0	0	0	0	0	0	0	0	2	1	2	1	2	1	1	0	1	0
F---	6	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	1	0	1	0
WHITE---M---	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03 TUBERCULOSIS OF RESPIRATORY SYSTEM 010-012																					
TOTAL	16	0	0	0	0	0	0	0	0	0	0	2	2	5	0	2	1	2	0	2	0
BLACK---M---	10	0	0	0	0	0	0	0	0	0	0	2	1	2	0	2	1	1	0	1	0
F---	4	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	1	0
WHITE---M---	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04 OTHER TUBERCULOSIS 013-018																					
TOTAL	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0
BLACK---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX, DISTRICT OF COLUMBIA, 1979-CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX	AGE GROUP																				
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
05 WHOOPING COUGH 033																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06 STREPTOCOCCAL SORE THROAT, SCARLATINA AND ERYSIPELAS 034-035																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07 MENINGOCOCCAL INFECTION 036																					
TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
08 SEPTICEMIA 038																					
TOTAL	54	2	0	0	0	0	0	0	0	1	0	0	2	3	5	10	7	9	6	9	0
BLACK---M---	21	1	0	0	0	0	0	0	0	1	0	0	1	1	3	5	3	3	1	2	0
F---	18	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	5	2	4	0
WHITE---M---	6	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
F---	9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0	2	3	0
09 ACUTE POLIOMYELITIS 045																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MEASLES 055																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979 CONTINUED

		AGE GROUP																			
CAUSE OF DEATH, CODE, RACE AND SEX		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
11 VIRAL HEPATITIS 070																					
TOTAL	5	0	0	1	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0
BLACK---M---	3	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SYPHILIS 090-097																					
TOTAL	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
BLACK---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 ALL OTHER INFECTIONS AND PARASITIC DISEASES 001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139																					
TOTAL	12	1	0	0	0	0	0	1	0	1	0	0	2	0	1	2	1	0	0	3	0
BLACK---M---	6	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	1	0
F---	5	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	1	0
WHITE---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANCER (INCLUDING ETC.) 140-208																					
TOTAL	1626	0	1	3	1	2	7	9	8	22	36	62	143	193	201	251	245	186	132	121	3
BLACK---M---	661	0	1	1	1	0	2	1	0	10	19	23	73	99	91	117	97	66	32	27	1
F---	456	0	0	1	0	2	3	5	5	9	12	26	47	66	63	66	53	41	32	24	1
WHITE---M---	237	0	0	0	0	0	0	2	0	0	2	5	10	16	26	33	52	34	31	26	0
F---	272	0	0	1	0	0	2	1	3	3	3	8	13	12	21	35	43	45	37	44	1
14 MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX 140-149																					
TOTAL	68	0	0	0	0	0	0	0	0	4	6	5	12	8	8	8	8	2	6	1	0
BLACK---M---	40	0	0	0	0	0	0	0	0	4	4	3	7	7	5	3	4	1	2	0	0
F---	12	0	0	0	0	0	0	0	0	0	2	2	4	0	1	2	0	0	0	1	0
WHITE---M---	9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	0	2	0	0
F---	7	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	0	0
15 MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM 150-159																					
TOTAL	499	0	0	0	0	0	1	0	3	5	5	10	44	45	65	65	78	72	60	45	1
BLACK---M---	212	0	0	0	0	0	0	0	0	3	3	5	24	25	35	39	29	27	14	7	1
F---	149	0	0	0	0	0	0	0	3	2	2	5	14	16	21	16	24	14	18	14	0
WHITE---M---	65	0	0	0	0	0	0	0	0	0	0	0	3	4	7	5	17	12	11	6	0
F---	73	0	0	0	0	0	1	0	0	0	0	0	3	0	2	5	8	19	17	18	0

TABLE 18—DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979 -CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
16 MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS 160-165																					
TOTAL	357	0	0	0	0	0	0	1	0	4	13	18	45	63	47	67	44	32	15	8	0
BLACK---M---	198	0	0	0	0	0	0	1	0	1	10	9	29	41	28	39	24	11	3	2	0
F---	56	0	0	0	0	0	0	0	0	2	2	4	9	15	9	5	5	4	1	0	0
WHITE---M---	68	0	0	0	0	0	0	0	0	0	1	3	5	6	7	16	9	11	7	3	0
F---	35	0	0	0	0	0	0	0	0	1	0	2	2	1	3	7	6	6	4	3	0
17 MALIGNANT NEOPLASM OF BREAST 174-175																					
TOTAL	118	0	0	0	0	0	0	0	1	3	4	10	11	16	16	25	14	4	9	5	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	72	0	0	0	0	0	0	0	0	2	3	8	9	12	10	15	5	1	6	1	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	46	0	0	0	0	0	0	0	1	1	1	2	2	4	6	10	9	3	3	4	0
18 MALIGNANT NEOPLASM OF GENITAL ORGANS 179-187																					
TOTAL	222	0	0	0	0	1	0	2	0	1	4	7	8	18	24	37	45	33	19	22	1
BLACK---M---	85	0	0	0	0	0	0	0	0	0	0	1	1	5	9	16	18	17	8	10	0
F---	71	0	0	0	0	1	0	1	0	1	2	4	5	9	10	16	9	7	3	3	0
WHITE---M---	27	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	8	4	5	6	0
F---	39	0	0	0	0	0	0	1	0	0	2	2	2	4	2	4	10	5	3	3	1
19 MALIGNANT NEOPLASM OF URINARY ORGANS 188-189																					
TOTAL	62	0	0	0	0	0	0	1	0	0	1	1	2	8	10	5	8	12	2	12	0
BLACK---M---	23	0	0	0	0	0	0	0	0	0	0	0	1	4	2	2	7	6	1	0	0
F---	14	0	0	0	0	0	0	1	0	0	1	0	1	1	2	1	0	4	1	2	0
WHITE---M---	18	0	0	0	0	0	0	0	0	0	0	1	0	2	5	2	1	0	0	7	0
F---	7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	3	0
20 MALIGNANT NEOPLASM OF ALL OTHER AND UNSPECIFIED SITES 170-173,190-199																					
TOTAL	165	0	0	0	1	0	1	0	3	4	0	6	11	18	20	29	27	15	12	17	1
BLACK---M---	66	0	0	0	1	0	1	0	0	2	0	3	8	11	8	13	9	4	3	3	0
F---	41	0	0	0	0	0	0	0	2	1	0	2	1	5	7	8	4	6	1	3	1
WHITE---M---	30	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3	10	4	3	4	0
F---	28	0	0	0	0	0	0	0	1	1	0	0	0	1	3	5	4	1	5	7	0
21 LEUKEMIA 204-208																					
TOTAL	59	0	1	2	0	1	2	4	0	1	0	1	7	5	4	9	8	4	5	5	0
BLACK---M---	13	0	1	1	0	0	1	0	0	0	0	1	1	1	1	2	2	0	0	2	0
F---	17	0	0	1	0	1	1	2	0	1	0	0	3	2	0	1	2	1	2	0	0
WHITE---M---	11	0	0	0	0	0	0	2	0	0	0	0	0	2	0	3	1	1	2	0	0
F---	18	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	3	2	1	3	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX, DISTRICT OF COLUMBIA 1979-CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
22 OTHER MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE 200-203																					
TOTAL	76	0	0	1	0	0	3	1	1	0	3	4	3	12	7	6	13	12	4	6	0
BLACK---M---	24	0	0	0	0	0	0	0	0	0	2	1	2	5	3	3	4	0	1	3	0
F---	24	0	0	0	0	0	2	1	0	0	0	1	1	6	3	2	4	4	0	0	0
WHITE---M---	9	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3	2	1	0	0
F---	19	0	0	1	0	0	1	0	1	0	0	2	0	1	0	0	2	6	2	3	0
23 BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC 210-239																					
TOTAL	19	0	0	0	0	1	0	0	0	0	0	2	2	1	1	2	3	3	3	1	0
BLACK---M---	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0
F---	10	0	0	0	0	1	0	0	0	0	0	2	1	1	0	0	2	2	1	0	0
WHITE---M---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
24 DIABETES MELLITUS 250																					
TOTAL	142	0	0	1	0	0	0	1	2	4	3	4	13	13	15	17	16	22	14	17	0
BLACK---M---	47	0	0	0	0	0	0	0	0	3	2	4	5	8	5	4	5	6	2	3	0
F---	65	0	0	1	0	0	0	1	0	1	1	0	8	5	7	12	9	10	7	3	0
WHITE---M---	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	1	2	0
F---	20	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	1	2	4	9	0
25 NUTRITIONAL DEFICIENCIES 260-269																					
TOTAL	9	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	0	1	0	2	0
BLACK---M---	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	1	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
26 ANEMIAS 280-285																					
TOTAL	23	0	0	0	0	2	1	2	0	2	0	1	1	1	1	4	2	0	3	3	0
BLACK---M---	7	0	0	0	0	2	0	0	0	1	0	0	0	1	0	3	0	0	0	0	0
F---	14	0	0	0	0	0	1	1	0	1	0	1	1	0	1	1	2	0	3	2	0
WHITE---M---	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
27 MENINGITIS 320-322																					
TOTAL	6	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	0	0	0
BLACK---M---	5	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0
F---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979-CONTINUED

CAUSE OF DEATH, RACE AND SEX	CODE,	AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
MAJOR CARDIOVASCULAR DISEASES 390-448																					
TOTAL	2845	2	2	2	3	2	4	11	18	26	39	83	150	182	273	344	378	412	362	547	5
BLACK---M---	936	1	0	1	2	2	1	7	9	16	27	51	79	86	143	143	128	109	60	70	1
F---	868	1	1	1	0	0	3	4	8	7	11	25	49	65	68	121	121	135	104	143	1
WHITE---M---	437	0	1	0	0	0	0	0	0	2	0	5	9	24	43	52	69	68	79	83	2
F---	604	0	0	0	1	0	0	0	1	1	1	2	13	7	19	28	60	100	119	251	1
DISEASES OF HEART 390-398,402,404-429																					
TOTAL	2148	2	1	1	3	1	2	6	13	18	28	70	121	157	207	279	302	316	246	371	4
BLACK---M---	733	1	0	0	2	1	0	3	5	10	18	43	69	76	108	122	100	84	38	52	1
F---	633	1	1	1	0	0	2	3	7	6	9	20	32	52	48	90	94	97	67	102	1
WHITE---M---	348	0	0	0	0	0	0	0	0	2	0	5	8	24	33	43	62	56	58	55	2
F---	434	0	0	0	1	0	0	0	1	0	1	2	12	5	18	24	46	79	83	162	0
28 RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE 390-398																					
TOTAL	12	0	0	0	0	0	0	0	1	0	0	0	0	1	0	4	1	2	1	2	0
BLACK---M---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
F---	4	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0
WHITE---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
F---	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
29 HYPERTENSIVE HEART DISEASE 402																					
TOTAL	146	0	0	0	0	0	0	0	0	2	3	9	19	11	18	17	29	15	13	10	0
BLACK---M---	62	0	0	0	0	0	0	0	0	1	1	7	12	7	6	11	11	3	1	2	0
F---	56	0	0	0	0	0	0	0	0	0	2	2	4	4	7	6	9	8	8	6	0
WHITE---M---	12	0	0	0	0	0	0	0	0	1	0	0	1	0	3	0	6	0	1	0	0
F---	16	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	3	4	3	2	0
30 HYPERTENSIVE HEART AND RENAL DISEASE 404																					
TOTAL	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	4	6	0
BLACK---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
F---	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0
WHITE---M---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
F---	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0
ISCHEMIC HEART DISEASE 410-414																					
TOTAL	1422	0	0	0	0	0	0	0	7	8	15	42	74	99	133	194	207	229	175	235	4
BLACK---M---	482	0	0	0	0	0	0	0	2	6	11	28	39	52	72	84	67	64	26	30	1
F---	378	0	0	0	0	0	0	0	4	1	3	7	22	27	28	60	65	63	38	59	1
WHITE---M---	258	0	0	0	0	0	0	0	0	1	0	5	6	16	21	34	41	45	45	42	2
F---	304	0	0	0	0	0	0	0	1	0	1	2	7	4	12	16	34	57	66	104	0

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TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979-CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
31 ACUTE MYOCARDIAL INFARCTION 410																					
TOTAL	425	0	0	0	0	0	0	0	4	1	6	10	15	21	35	49	66	75	68	74	1
BLACK---M---	114	0	0	0	0	0	0	0	1	1	4	7	9	11	21	11	19	18	7	5	0
F---	99	0	0	0	0	0	0	0	3	0	1	1	3	6	5	13	15	20	17	15	0
WHITE---M---	88	0	0	0	0	0	0	0	0	0	0	1	0	4	7	18	20	13	14	10	1
F---	124	0	0	0	0	0	0	0	0	0	1	1	3	0	2	7	12	24	30	44	0
32 OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE 411																					
TOTAL	8	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0	3	0
BLACK---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
WHITE---M---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
33 ANGINA PECTORIS 413																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 OLD MYOCARDIAL INFARCTION & OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE 412,414																					
TOTAL	989	0	0	0	0	0	0	0	3	7	9	32	58	77	98	143	140	154	107	158	3
BLACK---M---	367	0	0	0	0	0	0	0	1	5	7	21	30	40	51	73	48	46	19	25	1
F---	276	0	0	0	0	0	0	0	1	1	2	6	19	21	23	46	50	43	21	42	1
WHITE---M---	168	0	0	0	0	0	0	0	0	1	0	4	6	12	14	15	20	32	31	32	1
F---	178	0	0	0	0	0	0	0	1	0	0	1	3	4	10	9	22	33	36	59	0
35 OTHER DISEASES OF ENDOCARDIUM 424																					
TOTAL	31	0	0	0	0	0	1	1	1	0	0	1	3	3	1	5	2	4	3	6	0
BLACK---M---	5	0	0	0	0	0	0	0	1	0	0	0	2	0	1	1	0	0	0	0	0
F---	10	0	0	0	0	0	1	1	0	0	0	1	0	1	0	1	0	0	2	3	0
WHITE---M---	9	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	3	0	1	0
F---	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	2	0
36 ALL OTHER FORMS OF HEART DISEASE 415-423,425-429																					
TOTAL	524	2	1	1	3	1	1	5	4	8	10	18	25	43	55	57	63	65	50	112	0
BLACK---M---	180	1	0	0	2	1	0	3	2	3	6	8	16	17	29	24	22	16	11	19	0
F---	181	1	1	1	0	0	1	2	2	5	4	10	6	19	13	20	20	24	18	34	0
WHITE---M---	66	0	0	0	0	0	0	0	0	0	0	0	1	6	9	7	14	8	10	11	0
F---	97	0	0	0	1	0	0	0	0	0	0	0	2	1	4	6	7	17	11	48	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979-CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
37 HYPERTENSION WITH OR WITHOUT RENAL DISEASE 401,403																					
TOTAL	36	0	0	0	0	0	0	1	1	1	1	0	2	3	4	4	2	5	5	7	0
BLACK---M---	12	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0	2	2	0
F---	17	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	2	3	3	1	0
WHITE---M---	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
CEREBROVASCULAR DISEASE 430-438																					
TOTAL	450	0	0	1	0	1	2	3	4	6	9	12	25	16	43	47	58	62	56	105	0
BLACK---M---	136	0	0	1	0	1	1	2	3	5	7	8	8	7	25	16	23	16	5	8	0
F---	150	0	0	0	0	0	1	1	1	0	2	4	15	7	13	23	19	25	20	19	0
WHITE---M---	53	0	0	0	0	0	0	0	0	0	0	0	1	0	5	6	5	6	10	20	0
F---	111	0	0	0	0	0	0	0	0	1	0	0	1	2	0	2	11	15	21	58	0
38 INTRACEREBRAL AND OTHER INTRACRANIAL HEMORRHAGE 431-432																					
TOTAL	91	0	0	1	0	0	0	2	2	3	6	7	8	6	8	11	10	8	9	10	0
BLACK---M---	39	0	0	1	0	0	0	1	1	3	5	4	3	4	7	1	3	2	1	3	0
F---	30	0	0	0	0	0	0	1	1	0	1	3	4	1	0	7	5	5	1	1	0
WHITE---M---	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	3	0
F---	14	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	7	3	0
39 CEREBRAL THROMBOSIS AND UNSPECIFIED OCCLUSION OF CEREBRAL ARTERIES 434.0,434.9																					
TOTAL	103	0	0	0	0	0	0	0	0	0	0	1	2	5	13	16	8	18	12	28	0
BLACK---M---	26	0	0	0	0	0	0	0	0	0	0	1	1	2	6	6	3	6	1	0	0
F---	27	0	0	0	0	0	0	0	0	0	0	0	1	3	5	7	0	3	4	4	0
WHITE---M---	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	3	1	3	0
F---	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	6	21	0
40 CEREBRAL EMBOLISM 434.1																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE 430,433,435-438																					
TOTAL	256	0	0	0	0	1	2	1	2	3	3	4	15	5	22	20	40	36	35	67	0
BLACK---M---	71	0	0	0	0	1	1	1	2	2	2	3	4	1	12	9	17	3	3	5	0
F---	93	0	0	0	0	0	1	0	0	0	1	1	10	3	8	9	14	17	15	14	0
WHITE---M---	33	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	4	2	9	14	0
F---	59	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	5	9	8	34	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979-CONTINUED

		AGE GROUP																			
CAUSE OF DEATH, CODE, RACE AND SEX		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
42 ATHEROSCLEROSIS																					
440																					
TOTAL	156	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7	12	23	48	58	1
BLACK---M---	37	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	9	15	7	0
F---	55	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	6	9	13	20	0
WHITE---M---	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	6	6	0
F---	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	14	25	1
43 OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES																					
441-448																					
TOTAL	55	0	1	0	0	0	0	1	0	1	1	1	1	4	15	7	4	6	7	6	0
BLACK---M---	18	0	0	0	0	0	0	1	0	0	1	0	0	2	8	2	3	0	0	1	0
F---	13	0	0	0	0	0	0	0	0	1	0	1	1	2	2	3	0	1	1	1	0
WHITE---M---	17	0	1	0	0	0	0	0	0	0	0	0	0	0	4	2	1	4	5	0	0
F---	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	4	0
44 ACUTE BRONCHITIS AND BRONCHIOLITIS																					
466																					
TOTAL	4	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
BLACK---M---	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PNEUMONIA AND INFLUENZA																					
480-487																					
TOTAL	186	3	0	0	1	1	1	1	2	6	7	8	13	11	13	16	16	18	22	46	1
BLACK---M---	76	1	0	0	0	0	1	0	2	4	6	6	11	5	8	9	8	5	2	8	0
F---	45	2	0	0	1	1	0	1	0	2	1	1	1	1	4	3	1	6	3	17	0
WHITE---M---	31	0	0	0	0	0	0	0	0	0	0	1	1	4	0	4	3	3	7	7	1
F---	34	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	4	10	14	0
45 PNEUMONIA																					
480-486																					
TOTAL	186	3	0	0	1	1	1	1	2	6	7	8	13	11	13	16	16	18	22	46	1
BLACK---M---	76	1	0	0	0	0	1	0	2	4	6	6	11	5	8	9	8	5	2	8	0
F---	45	2	0	0	1	1	0	1	0	2	1	1	1	1	4	3	1	6	3	17	0
WHITE---M---	31	0	0	0	0	0	0	0	0	0	0	1	1	4	0	4	3	3	7	7	1
F---	34	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	4	10	14	0
46 INFLUENZA																					
487																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979-CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. 490-496																					
TOTAL	120	1	0	0	0	0	1	1	0	1	0	5	8	6	11	13	18	22	19	14	0
BLACK---M---	51	1	0	0	0	0	1	0	0	1	0	3	5	3	3	8	5	7	9	5	0
F---	16	0	0	0	0	0	0	1	0	0	0	1	3	1	3	1	2	2	1	1	0
WHITE---M---	31	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1	8	6	8	2	0
F---	22	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	7	1	6	0
47 BRONCHITIS, CHRONIC AND UNSPECIFIED 490-491																					
TOTAL	9	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	4	1	0	0
BLACK---M---	3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
WHITE---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0
48 EMPHYSEMA 492																					
TOTAL	34	0	0	0	0	0	0	0	0	0	0	1	5	0	3	6	5	6	5	3	0
BLACK---M---	13	0	0	0	0	0	0	0	0	0	0	1	4	0	1	5	1	1	0	0	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0
WHITE---M---	11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	3	1	0
F---	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	2	0
49 ASTHMA 493																					
TOTAL	13	0	0	0	0	0	1	1	0	0	0	2	1	2	1	1	1	1	1	1	0
BLACK---M---	4	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1	0	0	0
F---	5	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	0
WHITE---M---	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
50 OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS 494-496																					
TOTAL	64	0	0	0	0	0	0	0	0	1	0	1	2	4	6	6	11	11	12	10	0
BLACK---M---	31	0	0	0	0	0	0	0	0	1	0	0	1	3	2	2	4	4	9	5	0
F---	6	0	0	0	0	0	0	0	[illegible]	0	0	0	1	0	1	1	1	1	0	1	0
WHITE---M---	17	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	5	4	3	1	0
F---	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	2	0	3	0
51 ULCER OF STOMACH AND DUODENUM 531-533																					
TOTAL	20	0	0	0	0	0	1	1	0	0	0	1	1	3	2	2	2	2	1	4	0
BLACK---M---	7	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	0	1	0	1	0
F---	5	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0
WHITE---M---	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	2	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979 -CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
		AGE GROUP																			
52 APPENDICITIS																					
540-543																					
TOTAL	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
BLACK---M---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
53 HERNIA OF ABDOMINAL CAVITY & INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA																					
550-553,560																					
TOTAL	15	0	0	0	0	0	0	0	1	0	0	2	1	2	2	1	2	1	0	3	0
BLACK---M---	5	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	1	0	0	0
F---	4	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	0	0	0
WHITE---M---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0
F---	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
54 CHRONIC LIVER DISEASE AND CIRRHOSIS																					
571																					
TOTAL	252	0	0	0	0	0	1	5	9	22	19	29	35	42	40	23	13	9	4	1	0
BLACK---M---	146	0	0	0	0	0	0	2	7	14	13	10	24	28	24	15	5	3	1	0	0
F---	61	0	0	0	0	0	1	3	2	8	4	13	7	5	7	2	5	3	1	0	0
WHITE---M---	27	0	0	0	0	0	0	0	0	0	2	3	3	6	4	3	1	2	2	1	0
F---	18	0	0	0	0	0	0	0	0	0	0	3	1	3	5	3	2	1	0	0	0
55 CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER																					
574-575																					
TOTAL	10	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	2	1	0
BLACK---M---	4	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS																					
580-589																					
TOTAL	84	0	0	0	1	1	0	1	0	2	5	0	4	10	9	11	9	8	8	15	0
BLACK---M---	38	0	0	0	1	0	0	1	0	1	1	0	3	3	4	6	8	4	4	2	0
F---	35	0	0	0	0	1	0	0	0	1	4	0	1	6	5	5	0	4	2	6	0
WHITE---M---	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	4	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
56 ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME																					
580-581																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 19--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979 -CONTINUED

		AGE GROUP																			
CAUSE OF DEATH, CODE, RACE AND SEX		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
57 CHRON GLOMERULONEPH, NEPH AND NEPHROPATHY, NOS, AND RENAL SCLEROSIS, UNSPEC 582-583,587																					
TOTAL	4	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0
BLACK---M---	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
F---	3	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 RENAL FAIL, DISORDERS FROM IMPAIRED RENAL FCN AND SMALL KIDNEY OF UNK CAUSE 584-586,588-589																					
TOTAL	80	0	0	0	1	0	0	1	0	1	5	0	4	9	8	11	9	8	8	15	0
BLACK---M---	37	0	0	0	1	0	0	1	0	0	1	0	3	3	4	6	8	4	4	2	0
F---	32	0	0	0	0	0	0	0	0	1	4	0	1	5	4	5	0	4	2	6	0
WHITE---M---	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	4	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
59 INFECTIONS OF KIDNEY 590																					
TOTAL	14	0	0	0	0	0	1	0	1	0	1	1	2	3	1	0	2	1	1	0	0
BLACK---M---	6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0
F---	6	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	1	0	1	0	0
WHITE---M---	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
60 HYPERPLASIA OF PROSTATE 600																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM 630-676																					
TOTAL	3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
61 PREGNANCY WITH ABORTIVE OUTCOME 630-638																					
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979 - CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
62 OTHER COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM 640-676																					
TOTAL	3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
63 CONGENITAL ANOMALIES 740-759																					
TOTAL	32	19	7	0	1	0	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0
BLACK---M---	12	8	2	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
F---	13	8	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
F---	6	3	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
CERTAIN PERINATAL CONDITIONS 760-779																					
TOTAL	145	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
BLACK---M---	78	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
F---	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 BIRTH TRAUMA, INTRAUTERINE HYPEXIA, BIRTH ASPHYXIA AND RDS 767-769																					
TOTAL	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BLACK---M---	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD 760-766,770-779																					
TOTAL	126	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
BLACK---M---	69	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
F---	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITE---M---	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F---	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66 SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS 780-799																					
TOTAL	59	22	0	0	0	1	4	3	2	3	3	1	2	3	2	4	2	2	2	3	0
BLACK---M---	30	13	0	0	0	0	2	1	1	3	2	0	2	1	1	2	1	0	1	0	0
F---	21	9	0	0	0	1	2	2	1	0	0	1	0	0	1	2	1	0	0	1	0
WHITE---M---	5	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1	0
F---	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979 - CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
		AGE GROUP																			
67 ALL OTHER DISEASES-- RESIDUAL																					
TOTAL	492	4	2	0	1	3	6	11	20	11	23	21	37	36	41	55	56	51	38	75	1
BLACK---M---	179	3	1	0	0	3	1	4	13	8	13	13	19	15	19	22	21	11	5	7	1
F---	198	1	1	0	1	0	5	7	7	1	10	6	15	18	16	23	21	22	15	29	0
WHITE---M---	57	0	0	0	0	0	0	0	0	1	0	1	2	2	5	6	8	9	8	15	0
F---	58	0	0	0	0	0	0	0	0	1	0	1	1	1	1	4	6	9	10	24	0
ACCIDENTS AND ADVERSE EFFECTS-- 800-949																					
TOTAL	218	2	6	9	0	4	6	8	21	14	11	11	17	19	12	19	17	17	9	16	0
BLACK---M---	123	2	2	7	0	2	4	5	17	10	9	8	13	12	4	13	7	3	3	2	0
F---	41	0	3	2	0	0	2	2	3	2	1	2	1	2	1	4	3	5	4	4	0
WHITE---M---	24	0	0	0	0	2	0	1	1	2	1	0	1	3	4	1	1	4	1	2	0
F---	30	0	1	0	0	0	0	0	0	0	0	1	2	2	3	1	6	5	1	8	0
68 MOTOR VEHICLE ACCIDENTS-- 810-825																					
TOTAL	53	0	2	4	0	2	4	5	7	7	3	2	1	1	3	3	1	3	1	4	0
BLACK---M---	33	0	1	4	0	1	3	3	6	5	2	1	0	1	2	2	1	0	1	0	0
F---	7	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	1	0	1	0
WHITE---M---	8	0	0	0	0	1	0	1	0	2	1	0	0	0	1	1	0	1	0	0	0
F---	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0
69 ALL OTHER ACCIDENTS AND ADVERSE EFFECTS-- 800-807,826-949																					
TOTAL	165	2	4	5	0	2	2	3	14	7	8	9	16	18	9	16	16	14	8	12	0
BLACK---M---	90	2	1	3	0	1	1	2	11	5	7	7	13	11	2	11	6	3	2	2	0
F---	34	0	3	2	0	0	1	1	2	2	1	1	0	2	1	4	3	4	4	3	0
WHITE---M---	16	0	0	0	0	1	0	0	1	0	0	0	1	3	3	0	1	3	1	2	0
F---	25	0	0	0	0	0	0	0	0	0	0	1	2	2	3	1	6	4	1	5	0
70 SUICIDE-- 950-959																					
TOTAL	64	0	0	0	0	0	11	14	7	1	2	3	5	8	4	4	2	2	0	1	0
BLACK---M---	30	0	0	0	0	0	5	9	5	1	1	2	1	3	2	1	0	0	0	0	0
F---	6	0	0	0	0	0	3	1	0	0	0	0	0	0	1	0	0	1	0	0	0
WHITE---M---	21	0	0	0	0	0	2	3	2	0	1	1	3	3	1	1	2	1	0	1	0
F---	7	0	0	0	0	0	1	1	0	0	0	0	1	2	0	2	0	0	0	0	0
71 HOMICIDE AND LEGAL INTERVENTION-- 960-978																					
TOTAL	178	2	1	0	3	12	26	34	19	19	12	16	10	12	6	4	2	0	0	0	0
BLACK---M---	131	2	1	0	2	9	18	27	16	12	10	9	8	10	4	2	1	0	0	0	0
F---	31	0	0	0	1	3	6	4	0	5	2	7	1	0	2	0	0	0	0	0	0
WHITE---M---	10	0	0	0	0	0	1	3	2	1	0	0	0	2	0	1	0	0	0	0	0
F---	6	0	0	0	0	0	1	0	1	1	0	0	1	0	0	1	1	0	0	0	0

TABLE 18--DEATHS FROM 72 SELECTED CAUSES BY AGE, RACE, AND SEX. DISTRICT OF COLUMBIA 1979-CONTINUED

CAUSE OF DEATH, CODE, RACE AND SEX		AGE GROUP																			
		UN 1 YR	1-4 YRS	5-9 YRS	10-14 YRS	15-19 YRS	20-24 YRS	25-29 YRS	30-34 YRS	35-39 YRS	40-44 YRS	45-49 YRS	50-54 YRS	55-59 YRS	60-64 YRS	65-69 YRS	70-74 YRS	75-79 YRS	80-84 YRS	85 AND OVER	NOT STATED
72 ALL OTHER EXTERNAL CAUSES 980-999																					
TOTAL	70	1	1	1	0	5	6	15	12	6	2	6	3	4	3	1	1	2	0	1	0
BLACK---M---	46	1	0	1	0	4	3	10	10	4	2	2	2	2	2	1	1	0	0	1	0
F---	13	0	1	0	0	0	3	3	1	0	0	3	1	0	1	0	0	0	0	0	0
WHITE---M---	7	0	0	0	0	1	0	2	1	2	0	0	0	1	0	0	0	0	0	0	0
F---	4	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	0	0

Table 19.--NUMBER OF RESIDENT DEATHS AND CRUDE AND AGE-ADJUSTED DEATH RATES BY AGE, RACE AND SEX: DISTRICT OF COLUMBIA, 1979

Age (in years)	Total			Black			White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
NUMBER									
TOTAL	6,734	3,605	3,129	4,685	2,673	2,012	2,049	932	1,117
Under 5................	227	126	101	216	122	94	11	4	7
5-14...................	28	17	11	26	17	9	2	-	2
15-24..................	112	68	44	101	61	40	11	7	4
25-34..................	246	169	77	216	150	66	30	19	11
35-44..................	310	215	95	284	199	85	26	16	10
45-54..................	714	433	281	617	387	230	97	46	51
55-64..................	1,211	761	450	967	605	362	244	156	88
65 and over............	3,876	1,810	2,066	2,253	1,129	1,124	1,623	681	942
Not stated.............	10	6	4	5	3	2	5	3	2
RATES									
AGE-ADJUSTED [1]	781.9	1048.4	590.4	934.8	1263.0	688.9	510.5	636.2	437.1
CRUDE [2]	1020.0	1216.7	859.9	957.1	1213.3	747.4	1200.4	1226.3	1179.5
Under 5................	557.7	620.7	495.1	580.6	652.4	508.1	314.3	250.0	368.4
5-14...................	30.4	36.6	24.1	31.3	40.8	21.8	22.0	-	45.5
15-24..................	91.7	126.4	64.4	95.1	133.2	66.2	69.2	87.5	50.6
25-34..................	216.5	328.8	123.8	275.2	431.0	151.0	85.5	114.5	59.5
35-44..................	384.1	581.1	217.4	525.9	850.4	277.8	97.4	117.6	76.3
45-54..................	1005.6	1357.4	718.7	1198.1	1704.8	798.6	497.4	500.0	495.1
55-64..................	1807.5	2651.6	1174.9	2254.1	3252.7	1489.7	1012.4	1544.6	628.6
65 and over............	5309.6	6753.7	4471.9	6223.8	7732.9	5203.7	4410.3	5582.0	3829.3

[1] Based on age-aspecific death rates by 5 year age groups per 100,000 population in specified group. Computed by the direct method using as the standard population the age distribution of the total population of the United States as enumerated in 1940.

[2] Rates per 100,000 population.

TABLE 20.--RESIDENT DEATHS FOR 20 LEADING CAUSES BY, RACE AND WARD DISTRICT OF COLUMBIA, 1979

TOTAL ALL RACES

RANK	CAUSE OF DEATH	TOTAL	WARDS 1	2	3	4	5	6	7	8	9	UNK
	TOTAL ALL CAUSES	6734	1043	924	931	948	960	766	709	434	0	19
01	DISEASES OF HEART (390-398,402,404-429)	2148	335	304	364	307	260	232	221	122	0	3
02	CANCER (INCLUDING ETC.) (140-208)	1626	216	206	246	249	257	173	184	90	0	5
03	CEREBROVASCULAR DISEASE (430-438)	450	71	52	95	60	71	47	33	20	0	1
04	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	252	49	50	8	26	44	24	34	17	0	0
05	ACCIDENTS AND ADVERSE EFFECTS (800-949)	218	48	35	18	25	28	28	22	14	0	0
06	PNEUMONIA AND INFLUENZA (480-487)	186	31	28	18	30	25	26	15	11	0	2
07	HOMICIDE AND LEGAL INTERVENTION (960-978)	178	30	28	2	19	25	25	26	23	0	0
08	ATHEROSCLEROSIS (440)	156	27	26	37	14	24	13	10	4	0	1
09	CERTAIN PERINATAL CONDITIONS (760-779)	145	21	11	0	10	25	21	18	33	0	6
10	DIABETES MELLITUS (250)	142	24	16	10	21	22	21	17	11	0	0
11	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. (490-496)	120	20	13	20	24	9	17	12	5	0	0
12	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	84	9	10	4	15	10	16	15	5	0	0
13	SUICIDE (950-959)	64	12	7	6	14	5	11	3	6	0	0
14	SEPTICEMIA (038)	54	8	8	3	12	10	6	4	3	0	0
15	HYPERTENSION WITH OR WITHOUT RENAL DISEASE (401,403)	36	4	4	7	5	7	4	5	0	0	0
16	CONGENITAL ANOMALIES (740-759)	32	4	2	4	4	8	3	4	3	0	0
17	ANEMIAS (280-285)	23	3	3	0	3	3	8	3	0	0	0
18	ULCER OF STOMACH AND DUODENUM (531-533)	20	6	4	2	2	1	3	2	0	0	0
19	TUBERCULOSIS (010-018)	19	4	3	1	4	2	3	1	1	0	0
19	BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC (210-239)	19	2	4	2	3	2	0	3	3	0	0
21	RESIDUAL	762	119	110	84	101	122	87	77	61	0	1

TABLE 20.--RESIDENT DEATHS FOR 20 LEADING CAUSES BY, RACE AND WARD

DISTRICT OF COLUMBIA, 1979-CONTINUED

TOTAL BLACK

RANK	CAUSE OF DEATH	TOTAL	WARDS 1	2	3	4	5	6	7	8	9	UNK
	TOTAL ALL CAUSES	4685	799	657	37	700	873	625	614	367	0	13
01	DISEASES OF HEART (390-398,402,404-429)	1366	241	206	14	218	231	179	181	94	0	2
02	CANCER (INCLUDING ETC.) (140-208)	1117	170	141	9	192	232	134	161	75	0	3
03	CEREBROVASCULAR DISEASE (430-438)	286	49	34	4	46	65	41	29	18	0	0
04	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	207	43	42	0	23	40	21	24	14	0	0
05	ACCIDENTS AND ADVERSE EFFECTS (800-949)	164	34	27	0	19	25	24	20	15	0	0
06	PNEUMONIA AND INFLUENZA (480-487)	121	26	19	0	16	23	17	12	7	0	1
07	HOMICIDE AND LEGAL INTERVENTION (960-978)	162	27	23	1	17	25	22	26	21	0	0
08	ATHEROSCLEROSIS (440)	92	16	17	3	11	22	11	8	3	0	1
09	CERTAIN PERINATAL CONDITIONS (760-779)	140	19	9	0	10	25	21	18	33	0	5
10	DIABETES MELLITUS (250)	112	21	14	0	16	20	19	16	6	0	0
11	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. (490-496)	67	15	7	0	12	7	12	11	3	0	0
12	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	73	8	9	0	12	5	16	15	4	0	0
13	SUICIDE (950-959)	36	6	3	0	9	4	7	2	5	0	0
14	SEPTICEMIA (038)	39	7	6	0	6	9	5	3	3	0	0
15	HYPERTENSION WITH OR WITHOUT RENAL DISEASE (401,403)	29	3	4	2	5	6	4	5	0	0	0
16	CONGENITAL ANOMALIES (740-759)	25	3	1	0	3	8	3	4	3	0	0
17	ANEMIAS (280-285)	21	3	2	0	2	3	8	3	0	0	0
18	ULCER OF STOMACH AND DUODENUM (531-533)	12	3	4	0	0	1	3	1	0	0	0
19	TUBERCULOSIS (010-018)	17	4	2	0	4	2	3	1	1	0	0
19	BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC (210-239)	14	2	4	0	1	2	0	3	2	0	0
21	RESIDUAL	585	99	83	4	78	114	75	71	60	0	1

TABLE 20.--RESIDENT DEATHS FOR 20 LEADING CAUSES BY, RACE AND WARD TOTAL WHITE
DISTRICT OF COLUMBIA, 1979-CONTINUED

RANK	CAUSE OF DEATH	TOTAL	WARDS 1	2	3	4	5	6	7	8	9	UNK
	TOTAL ALL CAUSES	2049	244	267	894	248	87	141	95	67	0	6
01	DISEASES OF HEART (390-398,402,404-429)	782	94	98	350	89	29	53	40	28	0	1
02	CANCER (INCLUDING ETC.) (140-208)	509	46	65	237	57	25	39	23	15	0	2
03	CEREBROVASCULAR DISEASE (430-438)	164	22	18	91	14	6	6	4	2	0	1
04	CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	45	6	8	8	3	4	3	10	3	0	0
05	ACCIDENTS AND ADVERSE EFFECTS (800-949)	54	14	8	18	6	3	2	2	1	0	0
06.	PNEUMONIA AND INFLUENZA (480-487)	65	5	9	18	14	2	9	3	4	0	1
07	HOMICIDE AND LEGAL INTERVENTION (960-978)	16	3	5	1	2	0	3	0	2	0	0
08	ATHEROSCLEROSIS (440)	64	11	9	34	3	2	2	2	1	0	0
09	CERTAIN PERINATAL CONDITIONS (760-779)	5	2	2	0	0	0	0	0	0	0	1
10	DIABETES MELLITUS (250)	30	3	2	10	5	2	2	1	5	0	0
11	CHRONIC OBSTRUCTIVE PULMONARY DISEASE ETC. (490-496)	53	5	6	20	12	2	5	1	2	0	0
12	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	11	1	1	4	3	1	0	0	1	0	0
13	SUICIDE (950-959)	28	6	4	6	5	1	4	1	1	0	0
14	SEPTICEMIA (038)	15	1	2	3	6	1	1	1	0	0	0
15	HYPERTENSION WITH OR WITHOUT RENAL DISEASE (401,403)	7	1	0	5	0	1	0	0	0	0	0
16	CONGENITAL ANOMALIES (740-759)	7	1	1	4	1	0	0	0	0	0	0
17	ANEMIAS (280-285)	2	0	1	0	1	0	0	0	0	0	0
18	ULCER OF STOMACH AND DUODENUM (531-533)	8	3	0	2	2	0	0	1	0	0	0
19	TUBERCULOSIS (010-018)	2	0	1	1	0	0	0	0	0	0	0
19	BENIGN NEOPLASMS, CARCINOMA IN SITU, NEOPLASMS NEC (210-239)	5	0	0	2	2	0	0	0	1	0	0
21	RESIDUAL	177	20	27	80	23	8	12	6	1	0	0

Table 21.--INFANT DEATHS AND DEATH RATES BY AGE AND RACE, AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970-1979 AND AVERAGES, 1950-1979

Year	Infant deaths									Fetal deaths		
	Total			Less than 28 days			Less than 7 days					
	Total	Black	White	Total	Black	White	Total	Black	White	Total	Black	White
NUMBER												
1979	207	199	8	159	152	7	140	134	6	112	100	12
1978	242	229	13	179	168	11	164	154	10	137	125	12
1977	270	251	19	203	189	14	172	159	13	160	152	8
1976	240	230	10	193	188	5	175	170	5	169	154	15
1975	279	254	25	220	198	22	194	174	20	149	138	11
1974	277	255	22	216	196	20	181	167	14	140	127	13
1973	276	245	31	208	185	23	182	164	18	141	127	14
1972	323	296	27	235	213	22	209	194	15	250	216	34
1971	396	368	28	294	273	21	274	255	19	286	240	46
1970	432	389	43	339	303	36	302	270	32	258	228	30
ANNUAL AVERAGE												
1975-1979	248	233	15	191	179	12	169	158	11	146	134	12
1970-1974	341	311	30	258	234	24	230	210	20	215	188	27
1965-1969	511	451	60	387	339	48	357	312	45	314	276	38
1960-1964	684	542	142	513	402	111	470	370	100	370	295	75
1955-1959	678	498	180	520	374	146	473	340	133	355	258	97
1950-1954	628	337	291	499	255	244	444	225	219	398	237	161
RATE (PER 1,000 LIVE BIRTHS)												
1979	22.0	24.7	5.9	16.9	18.9	5.2	14.9	16.6	4.4	11.9	12.4	8.9
1978	25.8	28.6	9.5	19.1	21.0	8.0	17.5	19.2	7.3	14.6	15.6	8.8
1977	27.3	29.5	13.9	20.5	22.2	10.2	17.4	18.7	9.5	16.2	17.9	5.8
1976	24.9	27.7	7.5	20.0	22.7	3.7	18.2	20.5	3.7	17.5	18.6	11.2
1975	28.6	30.0	19.5	22.6	23.4	17.1	19.9	20.6	15.6	15.3	16.3	8.6
1974	27.6	29.2	16.9	21.5	22.4	15.4	18.0	19.1	10.8	13.9	14.5	10.0
1973	25.5	26.0	21.8	19.2	19.7	16.2	16.8	17.4	12.6	13.0	13.5	9.8
1972	27.2	28.1	19.7	19.8	20.3	16.1	17.6	18.4	11.0	21.0	20.5	24.9
1971	28.5	30.3	15.7	21.1	22.5	11.8	19.7	21.0	10.7	20.6	19.8	25.8
1970	28.9	29.7	23.0	22.7	23.1	19.3	20.2	20.6	17.1	17.2	17.4	16.1
ANNUAL AVERAGE												
1975-1979	25.8	28.2	11.2	19.9	21.7	8.9	17.6	19.1	8.2	15.2	16.2	8.9
1970-1974	27.7	28.9	19.4	20.9	21.7	15.5	18.7	19.5	12.9	17.4	17.4	17.4
1965-1969	32.3	34.3	22.7	24.5	25.8	18.1	22.6	23.7	17.0	19.9	21.0	14.4
1960-1964	34.6	38.1	25.3	26.0	28.3	20.0	23.8	26.0	18.0	18.7	20.7	13.5
1955-1959	34.3	39.6	25.1	26.3	29.7	20.4	24.0	27.0	18.6	18.0	20.5	13.6
1950-1954	30.6	34.3	27.2	24.3	26.0	22.8	21.6	22.9	20.5	19.4	24.1	15.0

Table 22.--RESIDENT INFANT DEATHS AND DEATH RATES BY AGE: DISTRICT OF COLUMBIA, 1960-1979

Year	Number						Rate per 1,000 live births					
		Under 28 days						Under 28 days				
	All ages	Total	Under 1 day	1-6 days	7-27 days	28 days-11 months	All ages	Total	Under 1 day	1-6 days	7-27 days	28 days-11 months
1979....	207	159	103	37	19	48	22.0	16.9	11.0	3.9	2.0	5.1
1978....	242	179	111	53	15	63	25.8	19.1	11.8	5.7	1.6	6.7
1977....	270	203	116	56	31	67	27.3	20.5	11.7	5.7	3.1	6.8
1976....	240	193	116	59	18	47	24.9	20.0	12.0	6.1	1.9	4.9
1975....	279	220	129	65	26	59	28.6	22.6	13.2	6.7	2.7	6.1
1974....	277	216	119	62	35	61	27.6	21.5	11.9	6.2	3.5	6.1
1973....	276	208	122	60	26	68	25.5	19.2	11.3	5.5	2.4	6.3
1972....	323	235	142	67	26	88	27.2	19.8	11.9	5.6	2.2	7.4
1971....	396	294	192	82	20	102	28.5	21.1	13.8	5.9	1.4	7.3
1970....	432	339	215	87	37	93	28.9	22.7	14.4	5.8	2.5	6.2
1969....	428	333	223	76	34	95	29.0	22.6	15.1	5.2	2.3	6.4
1968....	467	353	228	99	26	114	32.0	24.2	15.6	6.8	1.8	7.8
1967....	474	369	256	92	21	105	30.3	23.5	16.3	5.9	1.3	6.7
1966....	578	441	296	113	32	137	35.3	26.9	18.1	6.9	2.0	8.4
1965....	611	441	282	120	39	170	34.7	25.1	16.0	6.8	2.2	9.7
1964....	656	493	311	129	53	163	34.5	25.9	16.4	6.8	2.8	8.6
1963....	653	475	283	156	36	178	32.9	23.9	14.3	7.9	1.8	9.0
1962....	690	516	328	146	42	174	34.6	25.9	16.4	7.3	2.1	8.7
1961....	712	547	360	143	44	165	35.2	27.0	17.8	7.1	2.2	8.1
1960....	708	534	336	160	38	174	35.8	27.0	17.0	8.1	1.9	8.8

Table 23.--INFANT DEATH RATES BY WARD AND AGE: DISTRICT OF COLUMBIA, 1978 AND 1979

Ward	All ages		Under 28 days		28 days-11 months	
	1979	1978	1979	1978	1979	1978
Total..................	22.0	25.8	16.9	19.1	5.1	6.7
1......................	21.7	29.7	18.6	18.8	3.1	10.9
2......................	16.7	21.5	12.2	18.4	4.4	3.1
3......................	3.3	11.1	3.3	11.1	-	-
4......................	17.7	18.6	12.5	14.4	5.2	4.1
5......................	30.6	29.4	22.9	22.5	7.6	6.9
6......................	24.1	32.8	19.8	20.9	4.3	11.8
7......................	17.7	26.0	11.8	18.3	5.9	7.7
8......................	27.4	27.6	20.5	22.1	6.8	5.5

TABLE 24.- RESIDENT INFANT DEATHS BY CAUSE AND AGE: DISTRICT OF COLUMBIA, 1979

CAUSE OF DEATH	TOTAL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
TOTAL	207	103	37	19	37	11
01 CERTAIN INTESTINAL INFECTIONS	0	0	0	0	0	0
02 WHOOPING COUGH	0	0	0	0	0	0
03 MENINGOCOCCAL INFECTION	0	0	0	0	0	0
04 SEPTICEMIA	2	0	0	1	1	0
05 VIRAL DISEASES	1	0	0	0	1	0
06 CONGENITAL SYPHILIS	0	0	0	0	0	0
07 REMAINDER OF INFECTIOUS AND PARASITIC DISEASES	0	0	0	0	0	0
08 MALIGNANT NEOPLASM, INCLUDING NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUES	0	0	0	0	0	0
09 BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS NEC	0	0	0	0	0	0
10 DISEASES OF THYMUS GLAND	0	0	0	0	0	0
11 CYSTIC FIBROSIS	0	0	0	0	0	0
12 DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	0	0	0	0	0	0
13 MENINGITIS	1	0	0	1	0	0
14 OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	0	0	0	0	0	0
15 ACUTE UPPER RESPIRATORY INFECTIONS	0	0	0	0	0	0
16 BRONCHITIS AND BRONCHIOLITIS	4	0	0	0	3	1
PNEUMONIA AND INFLUENZA	3	0	0	0	3	0
17 PNEUMONIA	3	0	0	0	3	0
18 INFLUENZA	0	0	0	0	0	0
19 REMAINDER OF DISEASES OF RESPIRATORY SYSTEM	1	0	0	0	1	0
20 HERNIA OF ABDOMINAL CAVITY & INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	0	0	0	0	0	0
21 GASTRITIS, DUODENITIS, AND NONINFECTIVE ENTERITIS AND COLITIS	2	0	0	1	0	1
22 REMAINDER OF DISEASES OF DIGESTIVE SYSTEM	0	0	0	0	0	0
CONGENITAL ANOMALIES	19	6	5	1	5	2
23 ANENCEPHALUS AND SIMILAR ANOMALIES	1	1	0	0	0	0

TABLE 24.- RESIDENT INFANT DEATHS BY CAUSE AND AGE: DISTRICT OF COLUMBIA, 1979
CONTINUED

	CAUSE OF DEATH	TOT -AL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
24	SPINA BIFIDA	0	0	0	0	0	0
25	CONGENITAL HYDROCEPHALUS	0	0	0	0	0	0
26	OTHER CONGENITAL ANOMALIES OF CENTRAL NERVOUS SYSTEM AND EYE	2	1	0	0	1	0
27	CONGENITAL ANOMALIES OF HEART	5	0	1	1	3	0
28	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	2	1	1	0	0	0
29	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	0	0	0	0	0	0
30	CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	1	0	0	0	1	0
31	CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	1	1	0	0	0	0
32	CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	2	1	0	0	0	1
33	DOWNS SYNDROME	0	0	0	0	0	0
34	OTHER CHROMOSOMAL ANOMALIES	2	0	1	0	0	1
35	ALL OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	3	1	2	0	0	0
	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	144	96	32	12	3	1
36	NEWBORN AFF. BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREG-	1	1	0	0	0	0
37	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	10	9	0	1	0	0
38	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	8	8	0	0	0	0
39	NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0	1	0	0	0
40	SLOW FETAL GROWTH AND FETAL MALNUTRITION	1	0	0	1	0	0
41	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTHWEIGHT	57	44	11	1	1	0
42	DISORDERS RELATING TO LONG GESTATION AND HIGH BIRTHWEIGHT	0	0	0	0	0	0
43	BIRTH TRAUMA	0	0	0	0	0	0
	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	0	0	0	0	0	0
44	FETAL DISTRESS IN LIVEBORN INFANT	0	0	0	0	0	0
45	BIRTH ASPHYXIA	0	0	0	0	0	0
46	RESPIRATORY DISTRESS SYNDROME	19	6	10	3	0	0
47	OTHER RESPIRATORY CONDITIONS OF NEWBORN	25	14	5	3	2	1

TABLE 24.- RESIDENT INFANT DEATHS BY CAUSE AND AGE: DISTRICT OF COLUMBIA, 1979

CONTINUED

	CAUSE OF DEATH	TOT -AL	LESS THAN 1 DAY	1-6 DAYS	7-27 DAYS	28 DAY - 5 MOS.	6-11 MOS.
48	INFECTIOUS SPECIFIC TO THE PERINATAL PERIOD----------------------------------	0	0	0	0	0	0
49	NEONATAL HEMORRHAGE--	8	1	5	2	0	0
50	HEMOLYTIC DISEASE OF NEWBORN, DUE TO ISOIMMU., & OTHER PERIN. JAUNDICE-----	0	0	0	0	0	0
51	SYNDROME OF 'INFANT OF A DIABETIC MOTHER' AND NEONATAL DIABETES MELLITUS---	0	0	0	0	0	0
52	HEMORRHAGIC DISEASE OF NEWBORN---	0	0	0	0	0	0
53	ALL OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD---	14	13	0	1	0	0
	SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS---------------------------------------	22	1	0	1	17	3
54	SUDDEN INFANT DEATH SYNDROME---	18	0	0	1	15	2
55	SYMPTOMS, SIGNS, AND ALL OTHER ILL-DEFINED CONDITIONS----------------------	4	1	0	0	2	1
	ACCIDENTS AND ADVERSE EFFECTS--	2	0	0	1	1	0
56	INHAL AND INGEST FOOD OR OTH OBJ CAUSING OBSTR OF RESP TRACT OR SUFFOCATION	0	0	0	0	0	0
57	ACCIDENTAL MECHANICAL SUFFOCATION--	2	0	0	1	1	0
58	OTHER ACCIDENTAL CAUSES AND ADVERSE EFFECTS----------------------------------	0	0	0	0	0	0
	HOMICIDE--	2	0	0	0	0	2
59	CHILD BATTERING AND OTHER MALTREATMENT--	0	0	0	0	0	0
60	OTHER HOMICIDE--	2	0	0	0	0	2
61	ALL OTHER CAUSES---	4	0	0	1	2	1

Table 25.--THREE YEAR MOVING AVERAGE OF INFANT MORTALITY RATE BY AGE AT DEATH: DISTRICT OF COLUMBIA, 1961-1963 TO 1977-1979

Years	Rates per 1,000 live births				
	All ages	Less than 1 day	1-6 days	7-27 days	28 days-11 months
1961-1963...........	34.2	16.2	7.4	2.0	8.6
1962-1964...........	34.0	15.7	7.3	2.2	8.8
1963-1965...........	32.5	14.7	6.9	2.2	8.7
1964-1966...........	33.3	15.9	6.5	2.3	8.5
1965-1967...........	31.8	15.9	6.2	1.8	7.9
1966-1968...........	32.6	16.7	6.5	1.7	7.6
1967-1969...........	30.4	15.7	5.9	1.8	7.0
1968-1970...........	29.9	15.0	5.9	2.2	6.8
1969-1971...........	28.8	14.4	5.6	2.1	6.6
1970-1972...........	28.2	13.4	5.8	2.0	7.0
1971-1973...........	27.1	12.3	5.7	2.0	7.0
1972-1974...........	26.8	11.7	5.8	2.7	6.6
1973-1975...........	27.2	12.1	6.1	2.8	6.1
1974-1976...........	27.0	12.4	6.3	2.7	5.7
1975-1977...........	26.9	12.3	6.2	2.6	5.9
1976-1978...........	26.0	11.8	5.8	2.2	6.1
1977-1979...........	25.0	11.5	5.1	2.2	6.2

Table 26.--LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, INFANT DEATHS, FETAL DEATHS, TOTAL DEATHS, BY PLACE OF OCCURRENCE AND RESIDENCE: DISTRICT OF COLUMBIA, 1979

Place of occurrence resident status	Live births	Out-of-wedlock births	Infant deaths	Fetal deaths	Total deaths
Total recorded events..................	20,157	6,794	434	194	8,619
District of Columbia residents....	9,035	5,373	200	112	6,174
Maryland residents................	8,477	1,245	162	70	1,610
Virginia residents................	2,552	160	59	11	520
Resident of other states..........	89	15	12	-	289
Not stated........................	4	1	1	1	26
Resident events.......................	9,403	5,443	207	112	6,734
Occurring in D.C.	9,035	5,373	200	112	6,174
Occurring in other states.........	368	70	7	-	560

Table 27.-- RECORDED NUMBER OF LIVE BIRTHS AND DEATHS: NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970 - 1979 AND AVERAGES 1940 - 1979
CONTINUED

Race and year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
BLACK								
1979	12,114	5,069	295	229	139	24.4	18.9	11.5
1978	11,512	5,097	321	252	156	27.9	21.9	13.6
1977	11,967	5,121	333	255	197	27.8	21.3	16.5
1976	11,544	5,167	327	270	201	28.3	23.4	17.4
1975	11,351	5,166	309	246	179	27.2	21.7	15.8
1974	11,147	5,290	307	240	160	27.5	21.5	14.4
1973	11,734	5,240	304	231	160	25.9	19.7	13.6
1972	12,709	5,383	330	243	248	26.0	19.1	19.5
1971	14,188	5,328	420	313	264	29.6	22.1	18.6
1970	15,007	5,270	443	351	257	29.5	23.4	17.1
AVERAGE ANNUAL								
1975 - 1979 ..	11,698	5,124	317	250	174	27.1	21.4	14.9
1970 - 1974 ..	12,957	5,302	361	276	218	27.9	21.3	16.8
1965 - 1969 ..	14,000	5,122	473	357	286	33.8	25.5	20.4
1960 - 1964 ..	14,766	4,484	562	415	307	38.1	28.1	20.8
1955 - 1959 ..	13,329	3,785	520	390	274	39.0	29.3	20.6
1950 - 1954 ..	10,895	3,301	363	301	263	33.3	27.6	24.1
1945 - 1949 ..	7,856	3,070	340	253	265	43.3	32.2	33.7
1940 - 1944 ..	5,488	3,148	408	260	227	74.3	47.4	41.4

[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] per 1,000 live births.

Table 27.-- RECORDED NUMBER OF LIVE BIRTHS AND DEATHS: NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970 - 1979 AND AVERAGES 1940 - 1979

Race and year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
TOTAL								
1979	20,157	8,619	434	334	194	21.5	16.6	9.6
1978	19,743	8,755	482	374	222	24.4	18.9	11.2
1977	20,653	8,987	497	379	271	24.1	18.4	13.1
1976	19,916	9,183	480	386	279	24.1	19.4	14.0
1975	19,826	9,423	504	409	241	25.4	20.6	12.2
1974	19.865	9,786	477	376	242	24.0	18.9	12.2
1973	20,696	9,850	491	377	242	23.7	18.2	11.7
1972	22,600	10,153	569	446	366	25.2	19.7	16.2
1971	25.932	10.291	665	514	396	25.6	19.8	15.3
1970	28.141	10,526	712	558	380	25.3	19.8	13.5
AVERAGE ANNUAL								
1975 - 1979 ..	20,059	8.993	479	376	241	23.9	18.7	12.0
1970 - 1974 ..	23.447	10.121	583	454	325	24.9	19.4	13.9
1965 - 1969 ..	28,461	10.587	754	582	448	26.5	20.4	15.7
1960 - 1964 ..	33,190	10.415	958	727	528	28.9	21.9	15.9
1955 - 1959 ..	33,318	9.760	946	740	531	28.4	22.2	15.9
1950 - 1954 ..	31.135	8,974	785	628	540	25.2	20.2	17.3
1945 - 1949 ..	26,558	8,617	821	632	571	30.9	23.8	21.5
1940 - 1944 ..	20,279	8,922	887	611	534	43.7	30.1	26.3

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[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] per 1,000 live births.

Table 27.-- RECORDED NUMBER OF LIVE BIRTHS AND DEATHS: NUMBER AND RATES OF INFANT, NEONATAL AND FETAL DEATHS BY RACE: DISTRICT OF COLUMBIA, 1970 - 1979 AND AVERAGES 1940 - 1979
CONTINUED

Race and year	Live births	Deaths	Number			Rates[2]		
			Infant deaths	Neonatal deaths	Fetal deaths[1]	Infant deaths	Neonatal deaths	Fetal deaths
WHITE								
1979.........	8,043	3.550	139	105	55	17.3	13.1	6.8
1978.........	8,231	3,658	161	122	66	19.6	14.8	8.0
1977.........	8,686	3,866	164	124	74	18.9	14.3	8.5
1976.........	8,372	4,016	153	116	78	18.3	13.9	9.3
1975.........	8,475	4,257	195	163	62	23.0	19.2	7.3
1974.........	8,718	4,496	170	136	82	19.5	15.0	9.4
1973.........	8,962	4,610	187	146	82	20.9	16.3	9.1
1972.........	9,891	4,770	239	203	118	24.2	20.5	11.9
1971.........	11,744	4,963	245	201	132	20.9	17.1	11.2
1970.........	13,134	5,256	269	207	123	20.5	15.8	9.4
AVERAGE ANNUAL								
1975 - 1979..	8,361	3,869	162	126	67	19.4	15.1	8.0
1970 - 1974..	10,490	4,819	222	179	107	21.2	17.1	10.2
1965 - 1969..	14,461	5,465	281	225	162	19.4	15.6	11.2
1960 - 1964..	18,424	5,931	396	312	221	21.5	16.9	12.0
1955 - 1959..	19,989	5,975	426	360	257	21.3	17.5	12.9
1950 - 1954..	20,240	5,673	422	327	277	20.8	16.2	13.7
1945 - 1949..	18,702	5,547	481	379	306	25.7	20.3	16.4
1940 - 1944..	14,791	5,774	479	351	307	32.4	23.7	20.8

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[1] Includes only fetal deaths for which period of gestation was given as 20 weeks or more or was not stated.

[2] per 1,000 live births.

Table 28.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1979

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births[1]	Deaths	
					All ages	Under 1 year of age
Total	9403	5443	235	1195	6734	207
Unknown C.T.	39	17	2	6	15	6
1	33	2	-	-	41	1
2	12	-	-	-	29	-
3	26	1	-	2	34	1
4	14	2	-	3	9	-
5.1	14	1	-	3	38	-
5.2	34	3	1	-	47	-
6	29	-	-	2	91	-
7	26	4	-	2	96	-
8	107	46	3	3	63	-
9	51	2	1	6	43	-
10.1	54	6	-	4	74	-
10.2	6	-	1	-	23	-
11	37	1	-	2	54	-
12	37	2	-	6	51	-
13	45	2	-	4	121	-
14	48	2	-	-	81	-
15	40	-	-	3	78	-
16	45	10	-	3	43	-
17	70	28	1	13	64	2
18.1	3	2	-	-	-	-

Table 28.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1979-CONTINUED

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births[1]	Deaths	
					All ages	Under 1 year of age
18.2.....	86	36	1	11	54	-
19	77	39	1	11	76	1
20	86	33	1	8	95	-
21.1	86	58	3	10	59	1
21.2	61	32	-	8	69	3
22.1	59	34	-	4	49	3
22.2	42	23	1	8	40	1
23.1	56	40	-	13	41	-
23.2	1	1	-	-	113	-
24	67	45	2	9	59	2
25.1	43	27	-	4	33	2
25.2	90	53	3	10	62	2
26	13	3	-	-	29	-
27.1	78	28	3	8	40	5
27.2	102	39	2	12	63	2
28	127	78	3	16	68	1
29	66	44	1	6	52	1
30	57	32	4	4	35	1
31	55	36	1	7	60	-
32	75	42	1	7	79	4
33.1	60	47	3	14	64	2
33.2	52	36	1	7	48	1
34	48	35	-	11	68	4
35	44	27	3	3	60	-
36	87	59	4	10	44	3
37	89	51	2	6	83	-
38	78	44	4	9	31	-
39	79	21	1	4	43	2
40	63	16	2	10	75	3
41	31	1	-	1	34	-
42.1	66	41	1	8	46	-

Table 28.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1979-CONTINUED

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births[1]	Deaths	
					All ages	Under 1 year of age
42.2.....	22	7	2	1	19	-
43.......	50	27	2	8	50	-
44.......	48	35	1	5	42	-
45.......	36	27	1	6	32	2
46.......	78	62	2	11	64	2
47.......	82	58	4	15	67	2
48.1.....	41	30	2	-	55	-
48.2.....	47	36	6	8	57	1
49.1.....	47	28	1	2	32	-
49.2.....	27	21	1	3	59	3
50.......	75	43	-	11	109	-
51.......	12	8	-	-	27	-
52.1.....	60	25	2	7	53	2
52.2.....	3	2	-	-	7	-
53.1.....	62	20	3	5	27	-
53.2.....	3	-	-	-	8	-
54.1.....	4	1	-	1	25	-
54.2.....	5	3	-	2	3	-
55.......	14	5	-	2	38	-
56.......	17	2	-	-	41	-
57.1.....	8	2	-	-	18	2
57.2.....	3	1	-	-	-	-
58.......	13	4	-	1	29	1
59.......	18	12	1	5	28	1
60.1.....	30	4	-	1	7	-
60.2.....	22	19	1	2	3	-
61.......	15	1	-	1	11	-
62.......	1	-	-	-	1	-
63.1.....	45	21	-	4	31	-
63.2.....	1	-	-	-	-	-

Table 28.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1979-CONTINUED

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births[1]	Deaths	
					All ages	Under 1 year of age
64	68	57	4	11	25	-
65.1.....	7	1	-	-	7	-
65.2	11	2	1	1	12	-
66	17	2	-	1	8	-
67	55	17	-	5	29	-
68.1	40	29	2	9	48	1
68.2	55	39	3	6	37	1
68.3	-	-	-	2	1	-
69	42	26	2	6	35	-
70.1	-	-	-	-	1	-
70.2	47	27	2	1	25	1
71.......	61	46	2	-	36	1
72.......	62	49	2	-	34	1
73.1	173	6	-	2	3	-
73.2	94	57	5	16	41	-
73.3	129	84	3	20	21	2
73.4	76	54	1	5	26	1
73.6	176	118	7	21	33	4
73.7	134	75	3	16	36	5
73.8	6	-	-	-	19	-
74.1.....	112	89	5	24	37	2
74.2	246	176	9	48	56	7
74.4	136	108	1	27	31	7
74.5	149	112	7	28	38	6
75.1	163	119	2	26	62	6
75.3	54	40	1	15	18	3
75.4	12	8	-	2	7	1
75.5	36	26	-	8	4	-
76.1	92	65	-	18	59	2
76.3	50	11	3	5	46	-

Table 28.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1979-CONTINUED

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births[1]	Deaths	
					All ages	Under 1 year of age
76.4.....	49	29	-	4	26	3
76.5.....	87	46	2	11	41	2
77.2.....	84	41	1	5	60	-
77.3.....	136	100	4	21	35	3
77.5.....	248	181	8	38	91	5
77.6.....	98	70	1	10	54	3
77.7.....	85	50	-	15	32	3
77.8.....	86	57	2	14	33	3
77.9.....	22	16	-	2	17	-
78.1.....	179	136	8	26	48	5
78.2.....	72	45	-	10	61	-
78.3.....	76	51	2	9	35	-
78.4.....	77	62	4	7	44	-
78.5.....	98	63	3	11	70	3
78.7.....	61	41	-	6	25	-
78.8.....	140	112	5	22	43	2
79.1.....	66	42	2	12	45	1
79.2.....	13	10	1	3	27	-
80.1.....	67	49	5	8	40	3
80.2.....	62	35	5	7	51	1
81.......	40	15	3	3	47	-
82.1.....	1	1	-	-	2	-
82.2.....	19	4	-	-	19	-
83.3.....	6	4	-	-	6	-
83.4.....	26	14	1	4	31	1
83.5.....	1	-	-	-	6	-
83.6.....	25	9	1	3	14	-
84.1.....	5	5	-	1	7	-
84.2	71	48	3	8	63	1
85	69	56	1	11	80	2

Table 28.--RESIDENT LIVE BIRTHS, OUT-OF-WEDLOCK BIRTHS, BIRTHS WITH NO PRENATAL CARE, IMMATURE BIRTHS[1], TOTAL DEATHS AND INFANT DEATHS BY CENSUS TRACT: DISTRICT OF COLUMBIA, 1979-CONTINUED

Census Tract	Live births	Out-of-wedlock births	Live births with no prenatal care	Immature births[1]	Deaths	
					All ages	Under 1 year of age
86.1....	3	2	-	-	1	-
86.2....	6	5	-	1	13	-
87......	96	68	2	10	66	3
88.1.....	86	58	2	11	72	1
88.2....	63	48	2	8	66	1
89.1....	71	47	2	10	33	3
89.2....	68	53	2	9	63	1
90......	35	15	2	9	40	3
91.1....	45	24	-	7	42	-
91.2....	115	83	1	21	52	5
92......	120	68	1	11	87	2
93......	73	42	1	12	72	5
94......	60	39	1	6	55	3
95.1....	40	25	1	3	18	-
95.2....	80	29	-	7	59	-
95.3....	30	11	-	3	32	-
95.5....	13	8	-	1	34	-
95.7....	20	12	1	1	10	-
95.8....	39	14	1	6	32	4
96	2	2	-	1	30	-
97	127	95	1	16	25	8
98	156	124	2	25	34	6

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[1] With birth weight of 2,500 grams or less.

Table 29--RECORDED DEATHS FROM ACCIDENTAL CAUSES BY AGE AND TYPE OF ACCIDENT: DISTRICT OF COLUMBIA, 1979

Type of accident	Age (in years)						
	Total	Under 5	5-14	15-24	25-44	45-64	65 and over
Total[1]	263	14	10	20	64	69	86
Work	15	-	-	-	9	5	1
Construction	4	-	-	-	3	1	-
Transportation and public utilities	2	-	-	-	1	1	-
Trade	2	-	-	-	-	2	-
Service	4	-	-	-	2	1	1
Government	3	-	-	-	3	-	-
Home	122	10	2	2	10	36	62
Poisonings (gas excepted)	2	1	-	-	1	-	-
Poisonings by gases and vapors	4	-	-	-	1	1	2
Falls	39	-	-	1	2	8	28
Fires	62	3	2	-	5	24	28
Drowning	4	-	-	1	-	2	1
Suffocation, ingested food or object	5	2	-	-	-	1	2
Suffocation, mechanical	3	3	-	-	-	-	-
Other and unspecified home accidents	3	1	-	-	1	-	1
Motor vehicle	73	4	6	14	23	12	14
Injury to pedestrian	27	3	5	1	5	4	9
Collision with other motor vehicle	18	-	-	4	7	3	4
Collision with fixed object	1	-	-	1	-	-	-
Non-collision	18	1	1	4	9	3	-
Other and unspecified accidents	9	-	-	4	2	2	1
Public non-motor vehicle	45	-	2	2	22	12	7
Railroad - not with motor vehicle	2	-	-	-	1	-	1
Air transport	12	-	-	-	6	3	3
Fires	1	-	-	-	1	-	-
Drownings	9	-	1	2	5	1	-
Other and unspecified public accidents	21	-	1	-	9	8	3
Type of accident unknown	8	-	-	2	-	4	2

[1] Includes deaths occurring within the District of Columbia of residents and non-residents.